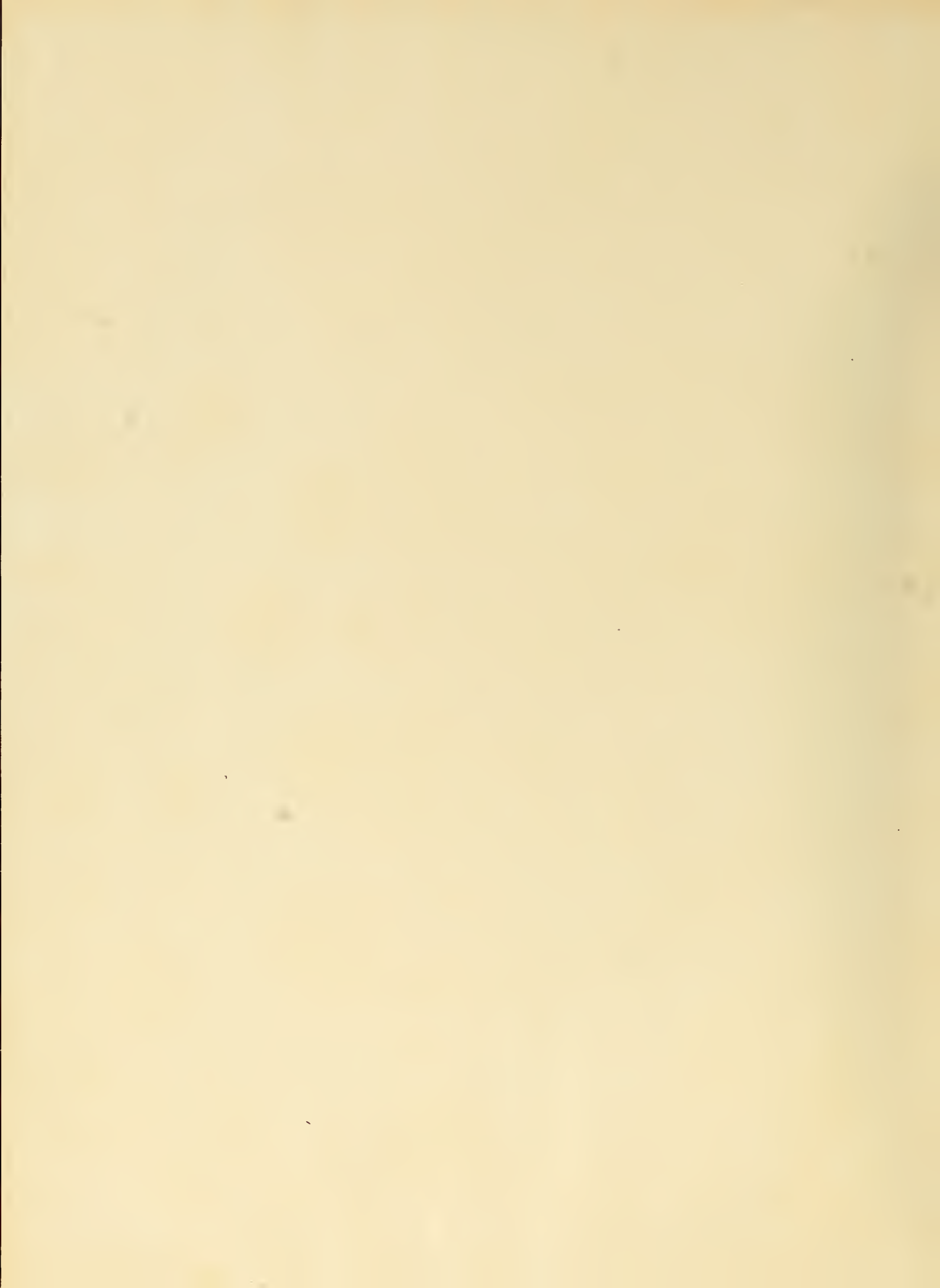


NA
2440
.P5
A63
1915
CHM

YEAR BOOK
OF THE
TWENTY FIRST ANNUAL
ARCHITECTURAL
EXHIBITION



PHILADELPHIA
MCMXV





Thanksgiving Tower
Patriots Hall, Porch of the Allies and Library
Washington Memorial, Valley Forge, Penna.

ZANTZINGER, BORIE AND MEDARY, ARCHITECTS

THE
YEAR BOOK
OF THE
TWENTY FIRST ANNUAL
ARCHITECTURAL
EXHIBITION

Held by
THE PHILADELPHIA CHAPTER
of The American Institute of Architects
And
THE T SQUARE CLUB
of Philadelphia

In the Galleries of
THE ART CLUB OF PHILADELPHIA

April 11 to May 2, MCMXV.

Printed for
THE EXHIBITION BOARD
by The A. H. Sickler Co.

THE EXHIBITION BOARD

Nineteen Hundred and Fifteen

JOHN GILBERT McILVAINE
Chairman
1003 Spruce Street

GEORGE H. BICKLEY
E. PEROT BISSELL

HERMAN L. DUHRING, JR.
EDMUND B. GILCHRIST

ARTHUR I. MEIGS
GEORGE HOWE
Secretary and Treasurer
1001 Provident Building

LOUIS S. DeLONE
Advertising Representative



BOOKPLATE DESIGNED BY WILSON EYRE



BOOKPLATE DESIGNED BY E. NELSON EDWARDS

FOREWORD

IN compiling the Year Book of the Twenty-first Annual Architectural Exhibition emphasis has not been laid on any one phase of architectural achievement.

Following the precedent of the last few years, of including in the Year Book some examples of Old Colonial Architecture, the Board has this year selected Ironwork of the Colonial Period for illustration, and it is hoped that the pages devoted to this will prove interesting and valuable.

It is thought that the inclusion, in the text, of the several designs of bookplates, will lend an additional note of interest, as showing the lighter side of the architect's activities.

The Board takes this opportunity to convey to the President and Directors of the Art Club its very hearty thanks for the use of their galleries.

The Board also begs to thank the architects and other artists who have contributed their works for exhibition.

To Mr. Edwin H. Fetterolf, the Board is indebted for the designs for the Cover and Title page of the Year Book.

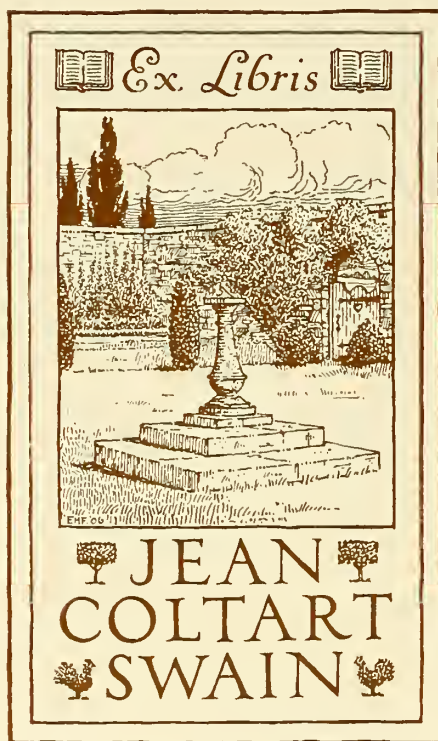
The attention of architects, and all others interested in this publication, is directed to the advertising pages, in which will be found much valuable information for constant reference.

THE WALTER COPE MEMORIAL PRIZE

Endowed by Mrs. Walter Cope, in memory of her husband, who was one of the founders of the T Square Club, and awarded annually by the T Square Club to the winner of a competition for projects on Municipal Improvement or Landscape Architecture. It is now of a value of about one hundred and fifty dollars, and is expended for Architectural Books or Architectural Education chosen in consultation with the Executive Committee of the T Square Club.

The prize winners and the subjects for competition have been as follows:

- 1904—A Monumental Entrance to Fairmount Park, Philadelphia. HENRY B. WARD.
1905—A Recreation Park and Pier on the Delaware River Front. ANDREW J. SAUER.
1906—A Subway Kiosk. C. EDGAR COPE.
1907—A Covered Bridge Across Market Street, Philadelphia. FRANCIS PALMER SMITH.
1908—A Monument at the Entrance of the Harbor, Philadelphia. GRANT M. SIMON.
1909—Two Types of Electric Light Standards for Street Lighting. HENRY EDWIN RIEGER.
1910—Treatment of a Public Square on the Parkway. WM. RICHARD M. KEAST.
1911—The Treatment of a City Block of Two-story Dwellings. A. RAYMOND HOLLAND.
1912—A memorial to John Ericsson on the Parkway.
1st Prize—GABRIEL B. ROTHKUGEL. 2d Prize—PETER F. GETZ.
1913—Design for a New Case for Liberty Bell, Independence Hall. JOHN F. HARBESON.
1914—A Monumental Feature at the End of South Broad Street.
1st Prize—THOMAS ASH. 2d Prize—S. A. LOVE, JR.
1915—Treatment of an Open Place at the Head of the Bridge over the Schuylkill River at Packer Avenue, South Philadelphia.
1st Prize—W. P. BARNEY. 2d Prize—F. W. HASTINGS.



BOOKPLATE DESIGNED BY E. H. FETTEROLF

THE JOHN STEWARDSON MEMORIAL SCHOLARSHIP IN ARCHITECTURE

FOUNDED 1897

(PRIOR TO 1897 THE TRAVELING SCHOLARSHIP OF THE UNIVERSITY OF PENNSYLVANIA)

Endowed in memory of the late John Stewardson and awarded every year or alternate year by a Managing Committee, consisting of one member of the Board of Trustees of the University of Pennsylvania, one member of the Corps of Instruction of the School of Architecture of the said University, and three practicing Architects of the city of Philadelphia, two representing respectively the Philadelphia Chapter of the American Institute of Architects and the T Square Club of Philadelphia, and the third being elected by the four other Members of the Managing Committee. It is of a value of one thousand dollars, the sum being expended in pursuing Architectural study either in the United States or in other countries. Preliminary examinations are required except for graduates of any recognized School of Architecture. Open to any person or persons under 30 years of age, who shall have studied or practiced Architecture in the State of Pennsylvania for the period of at least one year immediately preceding the examination.

AWARDS

UNIVERSITY SCHOLARSHIP

1893—A Building for a Numismatic Society. JAMES P. JAMIESON.

1894—A Railroad Station. GEORGE BISPHAM PAGE.

1895—A Savings Bank. PERCY ASH.

1896—A Post Office and a Custom House. ALBERT KELSEY.

STEWARDSON SCHOLARSHIP

1897—A City Church. HERMAN LOUIS DUHRING, JR.

1898—A Farm House and Farmsteading. WILLIAM CHARLES HAYS.

1899—A School of Architecture, with a Museum of Architectural Casts. ARTHUR HOWELL BROCKIE.

1900—The Improvement of the Entrance to Fairmount Park, Philadelphia. ALFRED MORTON GITHENS.

1901—A Casino and Bath at a Health Resort among the Mountains. IRA WILSON HOOVER.

1902—A Boys' School in the Country. JOHN MOLITOR.

1903—An Official Building for a County. WALTER W. JUDELL.

1904—A Terminal Station of an Underground Electric Railway. CHRISTIAN GEORGE SPOERL.

1905—A Monument Commemorative of the Independence of Cuba. CARL EUGENE HOWELL.

1906—An Auditorium Building for a University. W. WALTER SHARPLEY.

1908—A Monumental Bridge. HARVEY ARTHUR SCHWAB.

1909—A Naval Pantheon. GRANT MILES SIMON.

1910—The Casino of a Country Club. ANTONIO DI NARDO.

1911—A Maritime Station. WILLIAM J. H. HOUGH.

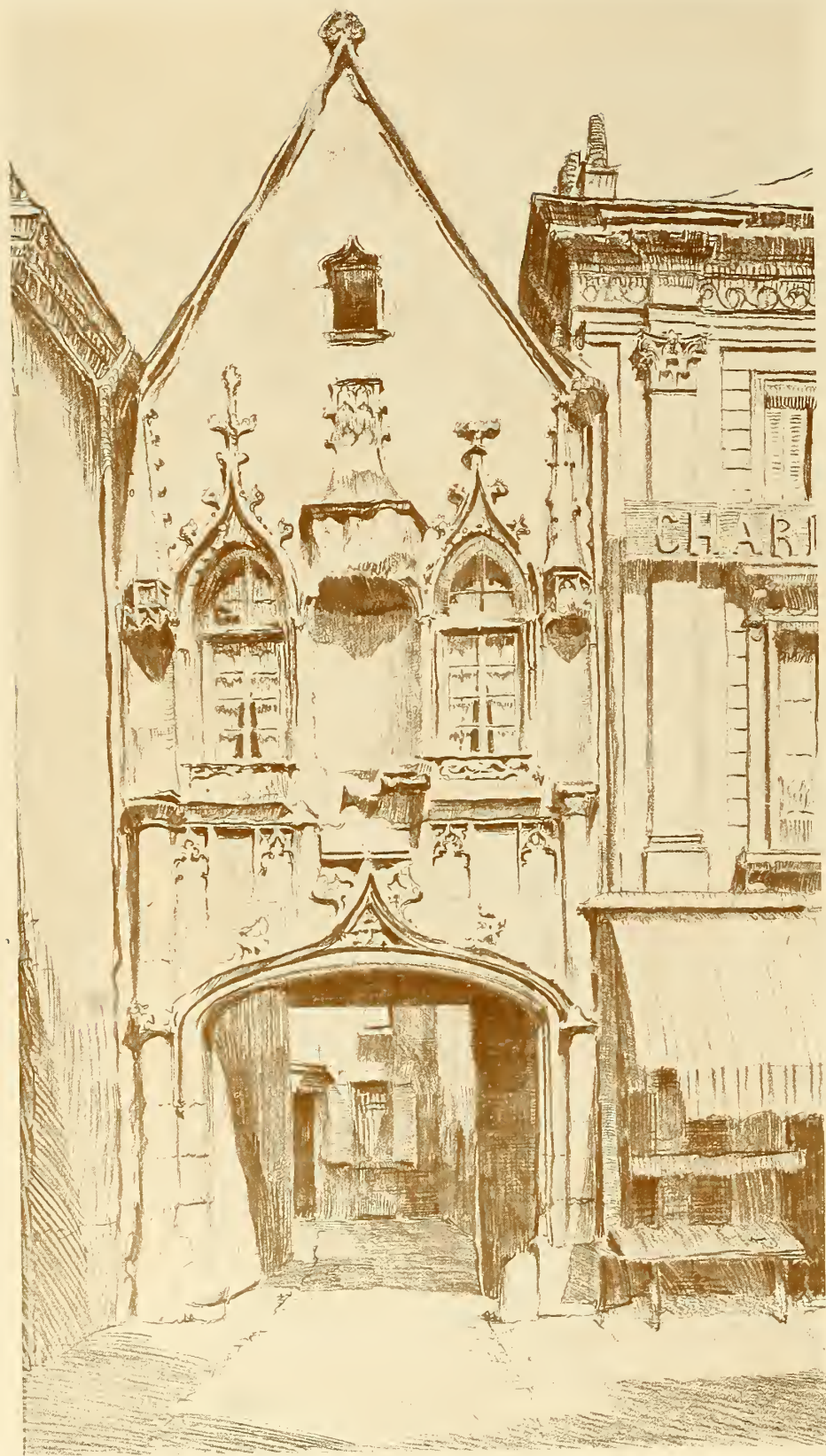
1912—An Archeological Institute. RUSSELL G. HOWARD.

1913—Building for the Supreme Court of the United States. CLAUDE WILMOT STEDMAN.

1914—A Custom House—WILLIAM C. STANTON.



BOOKPLATE DESIGNED BY EDMUND B. GILCHRIST



GOTHIC HOUSE, TOURS, FRANCE

SKETCH BY J. F. ABELE



BASILICA PALLADIANA, VICENZA, ITALY

SKETCH BY J. F. ABELE



STUDY OF A BRIDGE, I

DONALD M. KIRKPATRICK



STUDY OF A BRIDGE, II

DONALD M. KIRKPATRICK



STUDY OF A BRIDGE, III

DONALD M. KIRKPATRICK

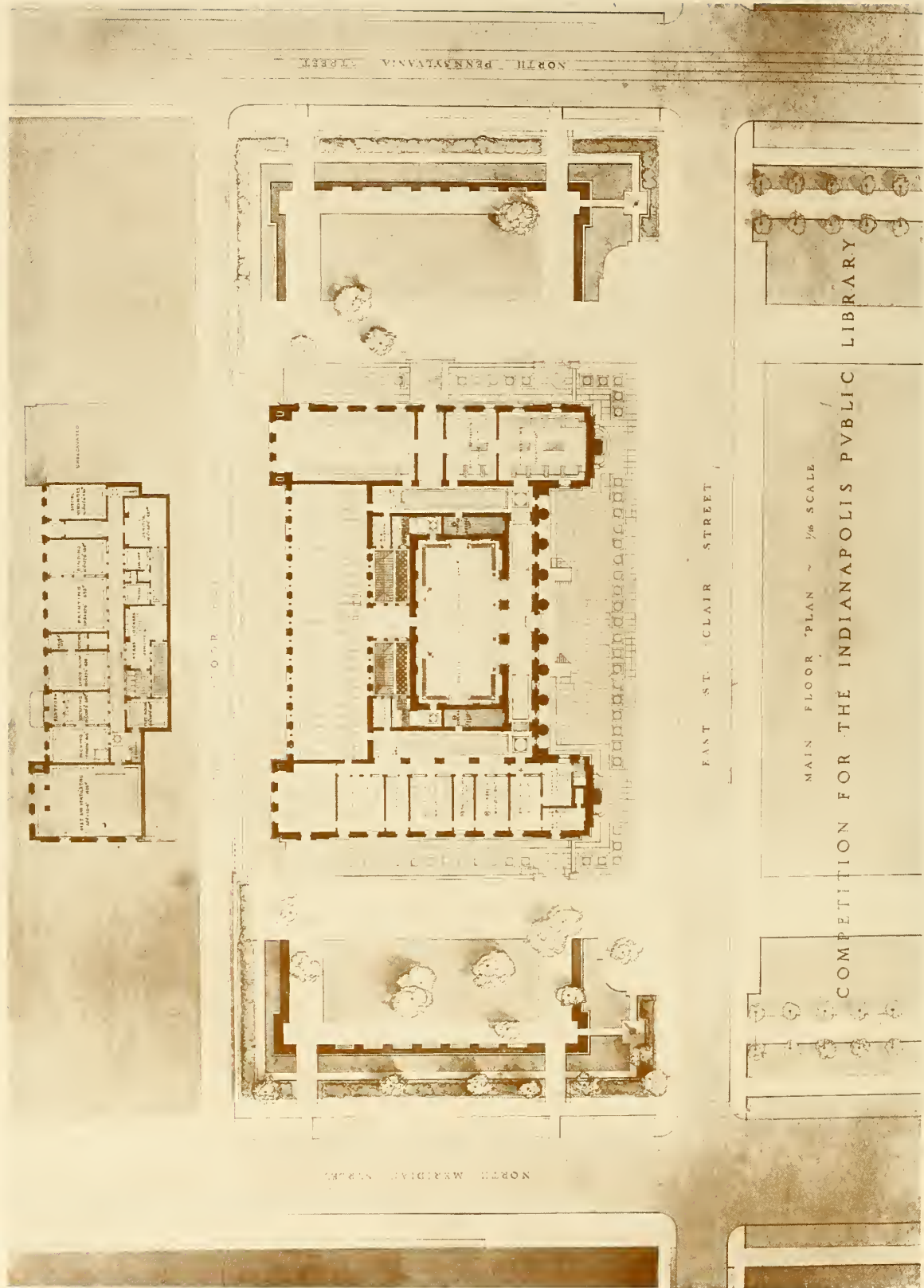
PUBLIC, ECCLESIASTICAL AND
COLLEGIATE BUILDINGS



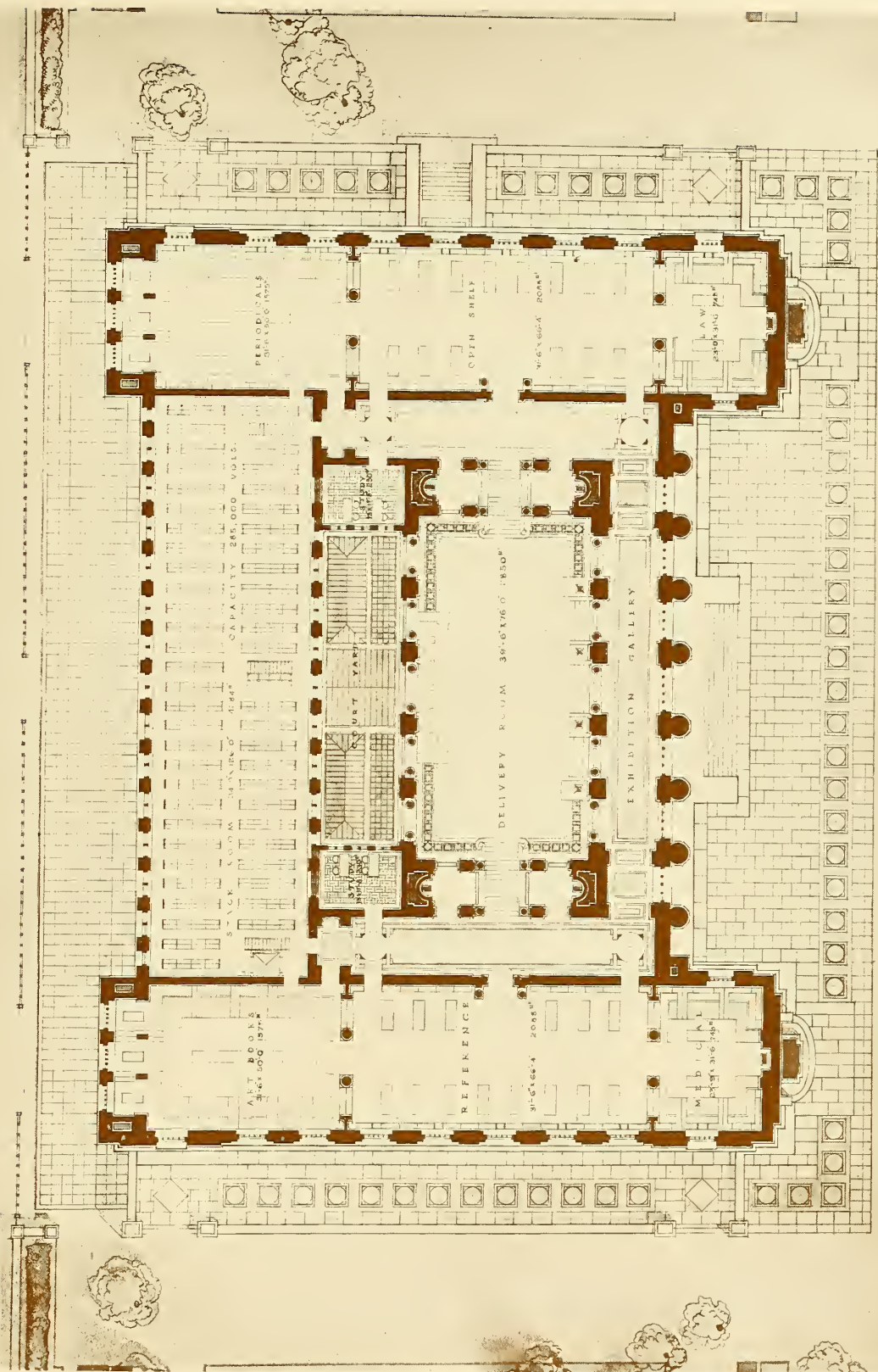
OVER-DOOR BY JEAN GOUJON

Musee Carnavalet, Paris

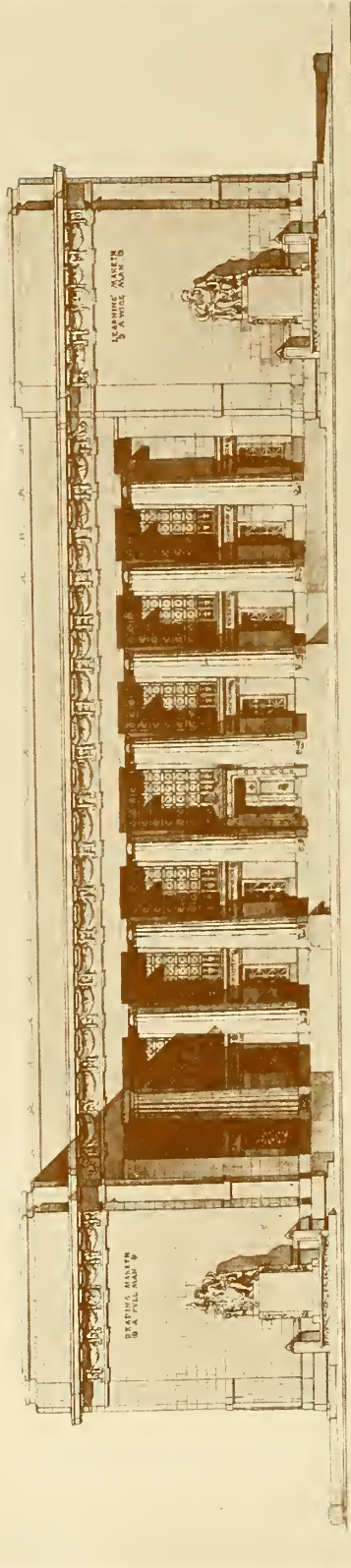
SKETCH BY GEORGE HOWE



Main Floor Plan
 ACCEPTED DESIGN, THE INDIANAPOLIS PUBLIC LIBRARY
 PAUL P. CRET AND ZANTZINGER, BORIE AND MEDARY, ASSOCIATED ARCHITECTS

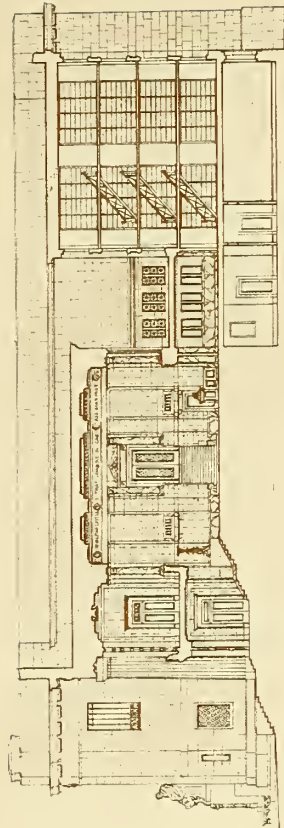


Second Floor Plan
 ACCEPTED DESIGN, THE INDIANAPOLIS PUBLIC LIBRARY
 PAUL P. CREE AND ZANTZINGER, BORIE AND MEDARY, ASSOCIATED ARCHITECTS

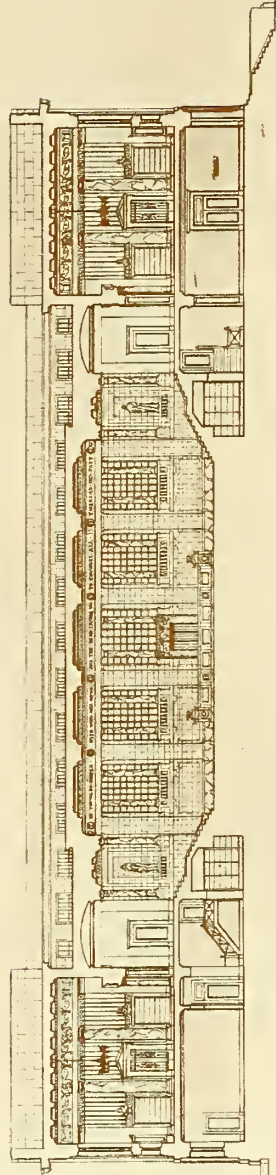


ELEVATION 1/16 SCALE

South Elevation
ACCEPTED DESIGN, THE INDIANAPOLIS PUBLIC LIBRARY
PAUL P. CRET AND ZANTZINGER, BORIE AND MEADY, ASSOCIATED ARCHITECTS



TRANSVERSE SECTION ~ 1/16 SCALE



LONGITVDINAL SECTION ~ 1/16 SCALE

Sections

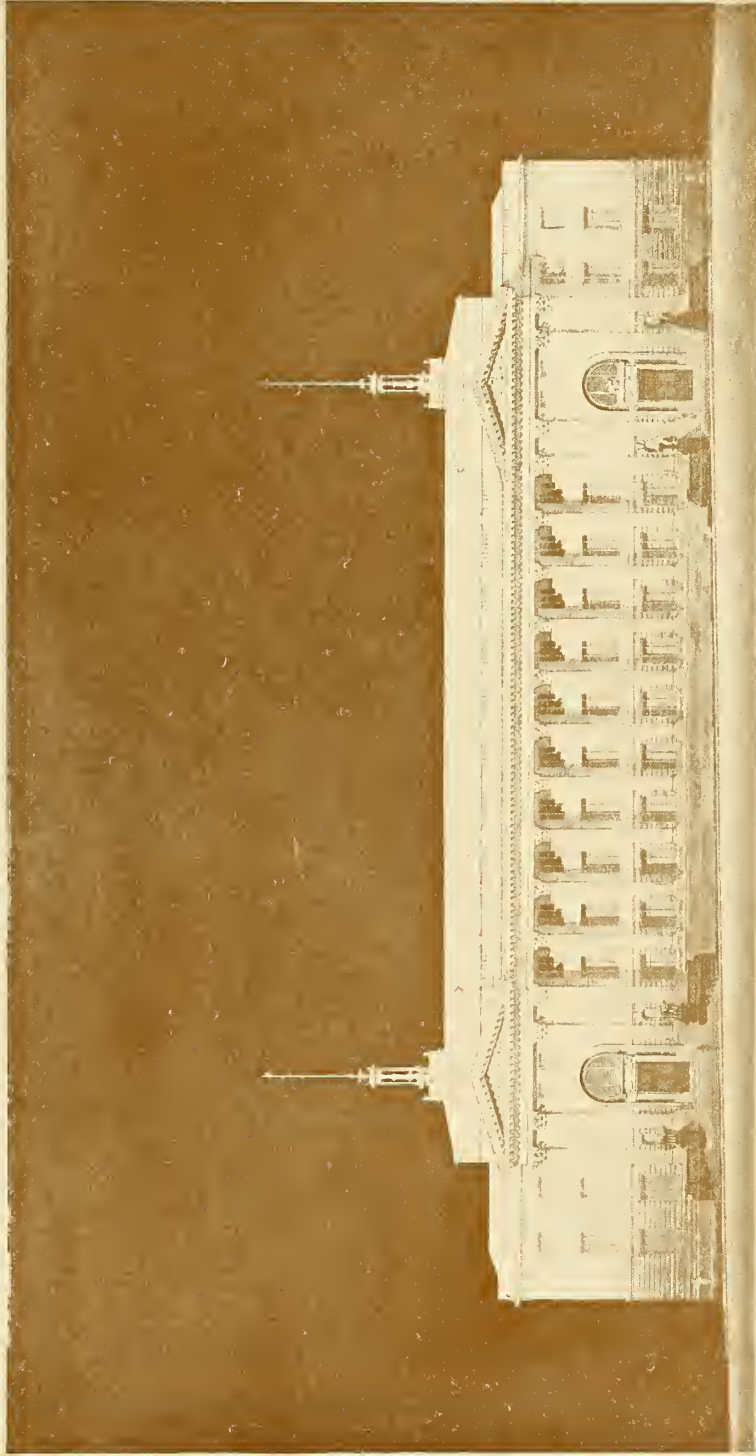
ACCEPTED DESIGN, THE INDIANAPOLIS PUBLIC LIBRARY

PAUL P. CRET AND ZANTZINGER, BORIE AND MEDARY, ASSOCIATED ARCHITECTS



First Floor Plan
 ACCEPTED DESIGN, NEW CASTLE COUNTY-WILMINGTON PUBLIC BUILDINGS COMPETITION
 Wilmington, Delaware

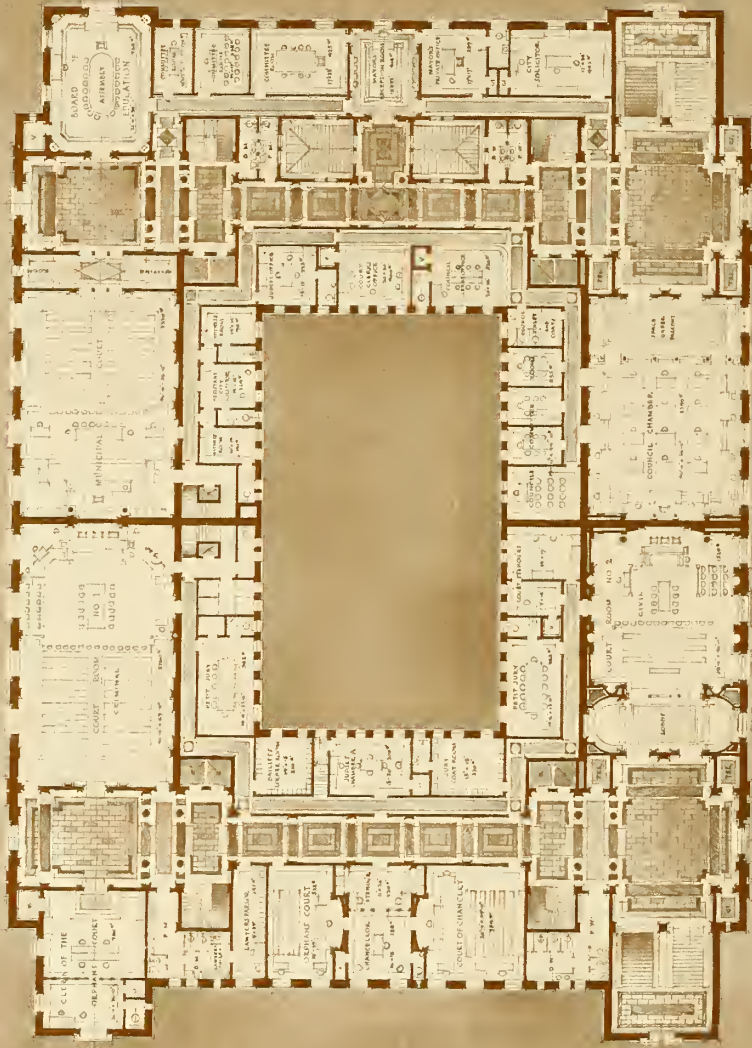
JOHN D. THOMPSON, JR., AND PALMER, HORNBOSTEL AND JONES, ASSOCIATED ARCHITECTS



KING STREET ELEVATION

King Street Elevation
ACCEPTED DESIGN, NEW CASTLE COUNTY-WILMINGTON PUBLIC BUILDINGS COMPETITION
Wilmington, Del.

JOHN D. THOMPSON, JR., AND PALMER, HORNHOSTEL AND JONES, ASSOCIATED ARCHITECTS



SECOND FLOOR - PLAN
 SCALE - ONE INCH EQUALS SIXTEEN FEET

NEW CASTLE COUNTY - WILMINGTON · PUBLIC BUILDINGS · COMPETITION ·

Plan of Court Room Floor
 NEW CASTLE COUNTY - WILMINGTON PUBLIC BUILDINGS COMPETITION
 Wilmington, Del.

ZANTZINGER, BORIE AND MEDARY, ARCHITECTS



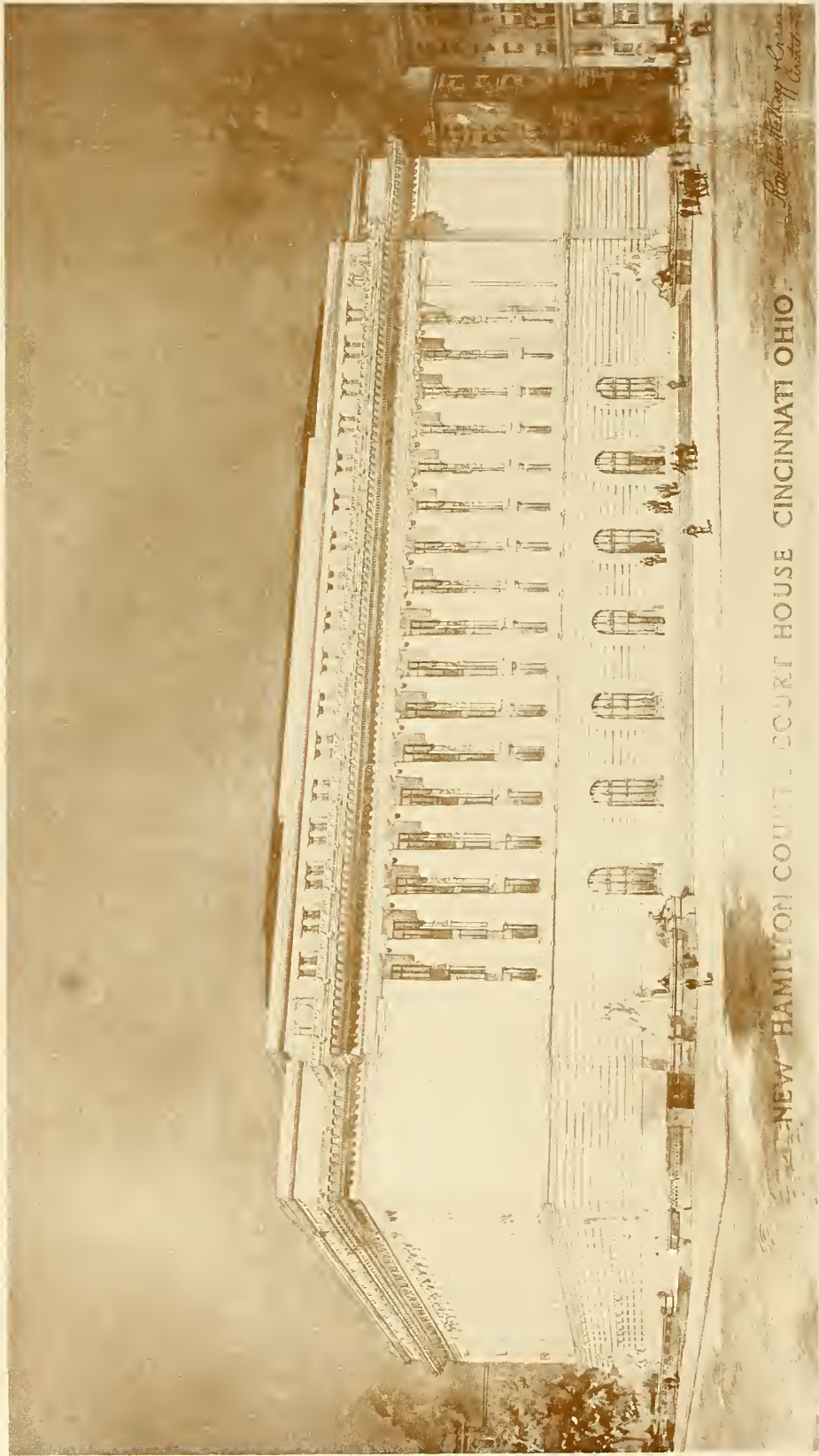
EL VANTER, CIVIL ENGINEER
SCALE ONE INCH EQUALS SIX FEET

NEW CASTLE COUNTY COURTHOUSE, WILMINGTON, DEL.

Elevation Toward King Street

NEW CASTLE COUNTY-WILMINGTON PUBLIC BUILDINGS COMPETITION
Wilmington, Del.

ZANTZINGER, BORIE AND MEDARY, ARCHITECTS



NEW HAMILTON COUNTY COURT HOUSE CINCINNATI OHIO.

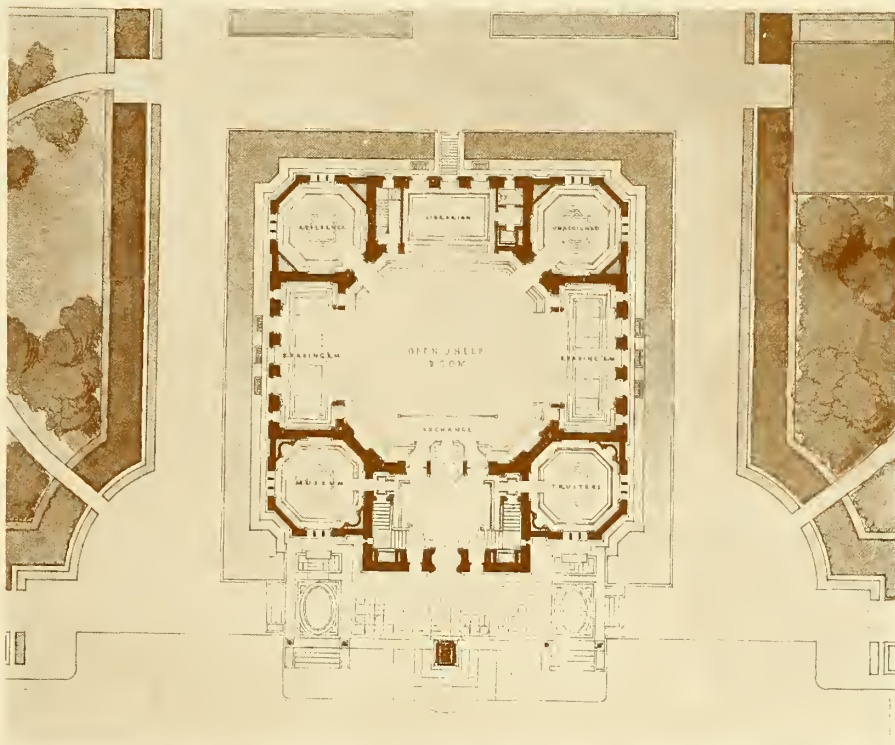
NEW HAMILTON COUNTY COURT HOUSE

Cincinnati, Ohio

RANKIN, KELLOGG AND CRANE, ARCHITECTS



Front Elevation

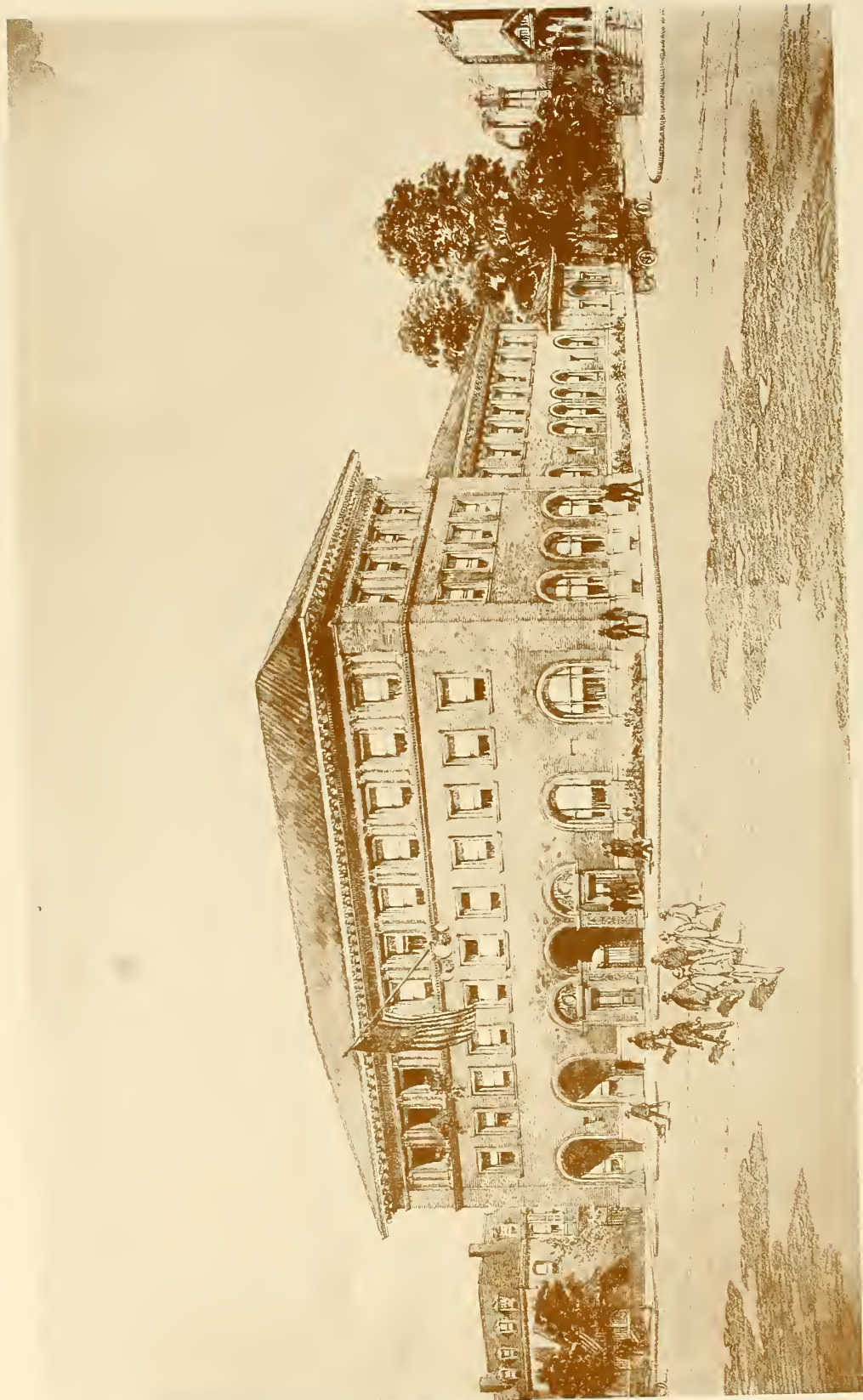


Plan

THE MCKINLEY BIRTHPLACE MEMORIAL COMPETITION

Niles, Ohio

ZANTZINGER, BORIE AND MEDARY, ARCHITECTS

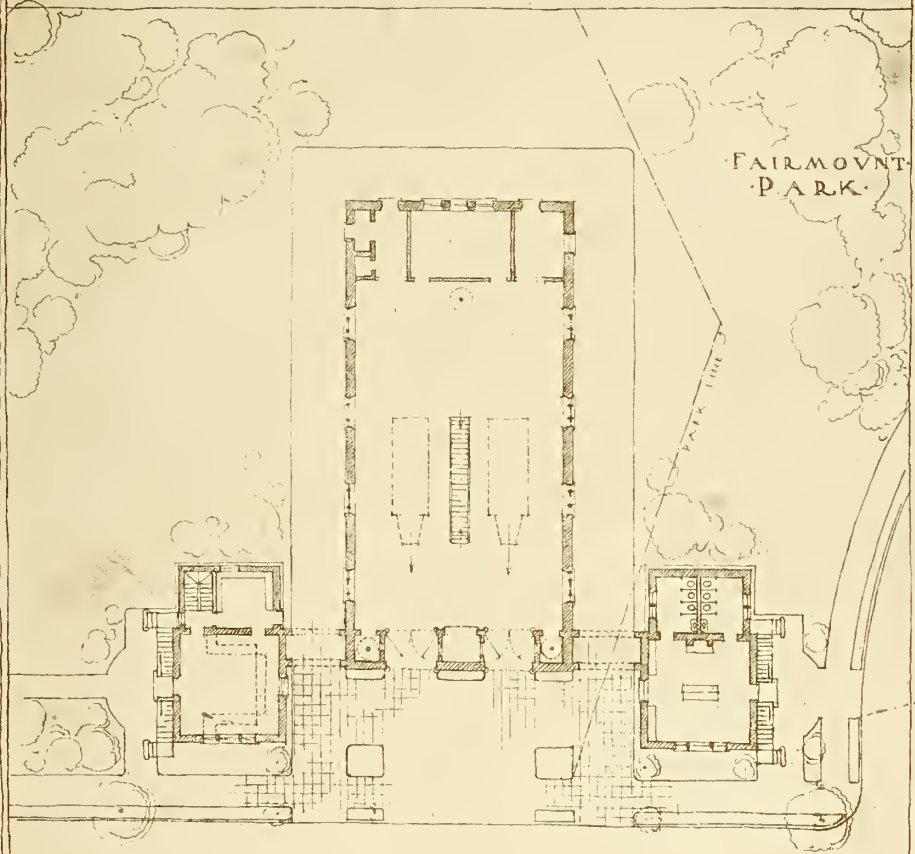


FIRE AND POLICE STATION FOR THE CITY OF PHILADELPHIA

SIMON AND BASSETT, ARCHITECTS



FRONT ELEVATION



FAIRMOVNT
PARK

POST OFFICE

ENGINE HOUSE

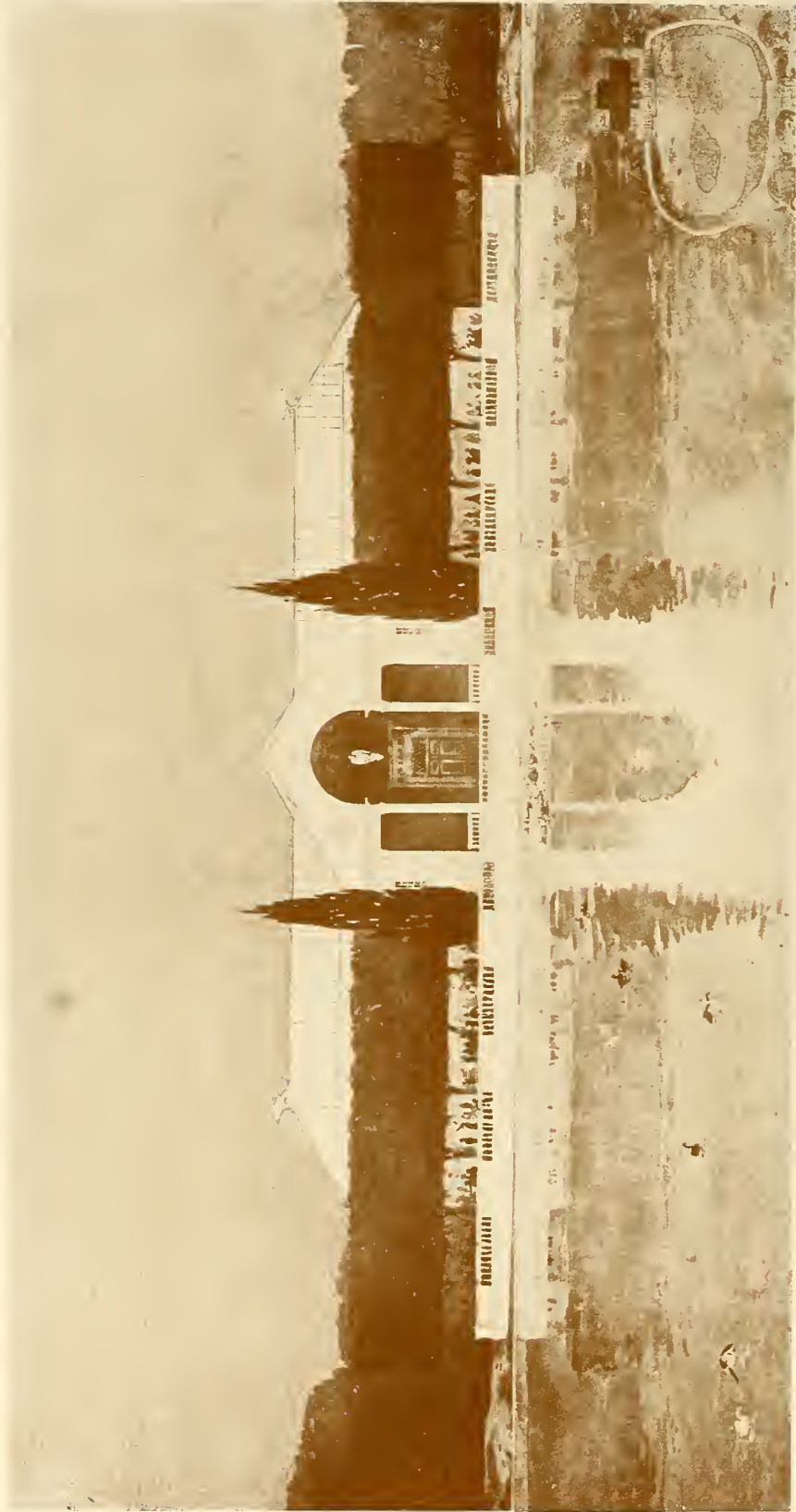
COMFORT STATION

PROPOSED
CIVIC GROUP
FOR
MERMAID PLAZA
ST. MARTINS, PA.

SCALE
1/4" = 10 FT.

ROBERT R. MCGOODWIN
24 SOUTH 16TH ST.
PHILADELPHIA, PA.

PROPOSED CIVIC GROUP, ST. MARTINS, PHILADELPHIA
ROBERT R. MCGOODWIN, ARCHITECT



BIRD HOUSE FOR THE ZOOLOGICAL SOCIETY OF PHILADELPHIA
MELLOR AND MEIGS, ARCHITECTS



COMPETITION FOR THE SCOTT MEMORIAL FOUNTAIN

SCALE 1/8" = 1'-0"

COMPETITION FOR THE SCOTT MEMORIAL FOUNTAIN

Detroit, Michigan

MELLOR AND MEIGS, ARCHITECTS



COMPETITION FOR THE SCOTT MEMORIAL FOUNTAIN
Detroit, Michigan
ROBERT R. McGOODWIN, ARCHITECT

COMPETITION
FOR THE
SCOTT
MEMORIAL FOUNTAIN



BIRD'S EYE VIEW
HORIZON LINE 3000 FEET
ABOVE MEAN WATER LEVEL



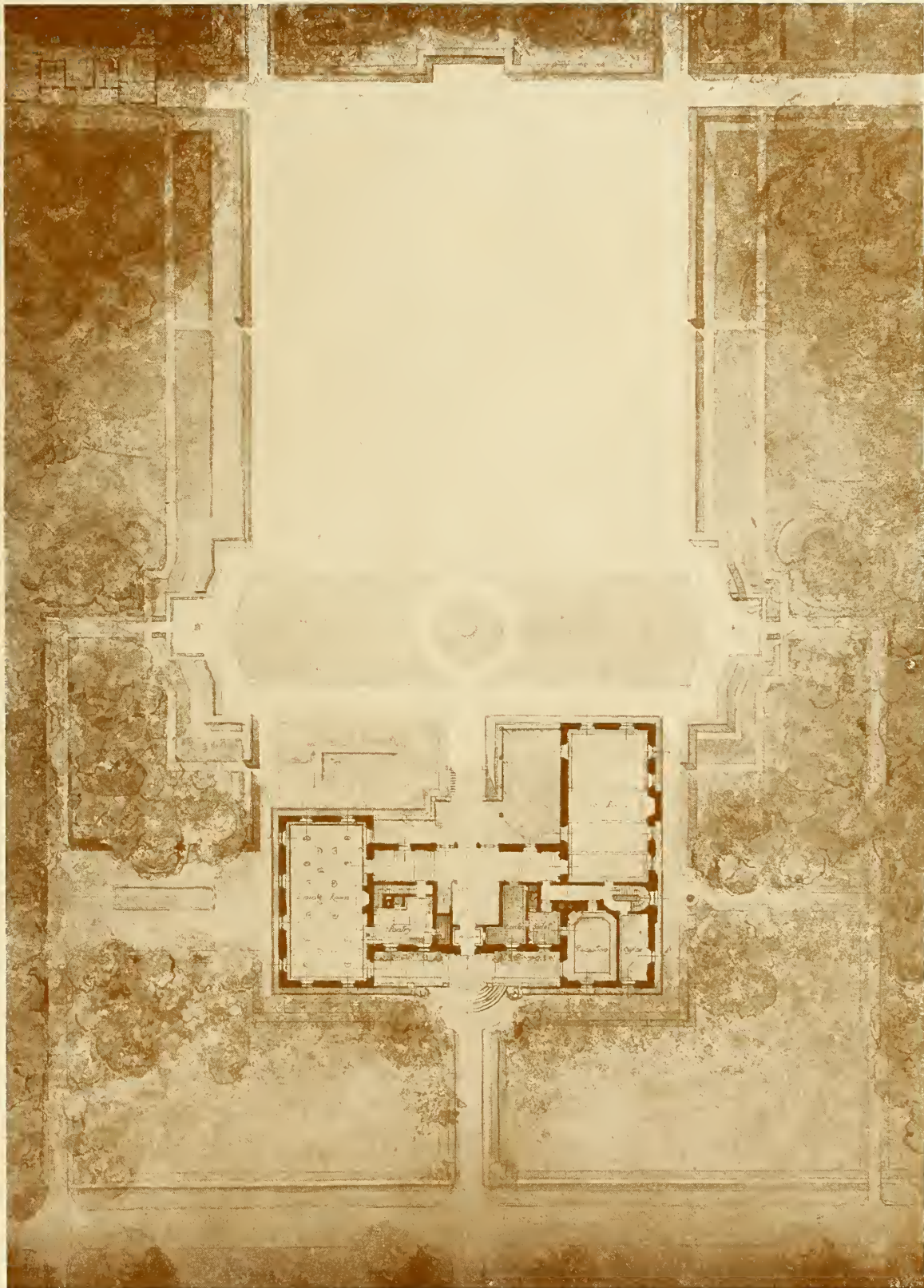
LONGITUDINAL SECTION THRO' MAIN AXIS OF COMPOSITION
SCALE - ONE INCH = 50 FEET

COMPETITION FOR THE SCOTT MEMORIAL FOUNTAIN
Detroit, Michigan
FURNESS, EVANS & CO., ARCHITECTS



THE PRINCETON CHARTER CLUB, PRINCETON, N. J.

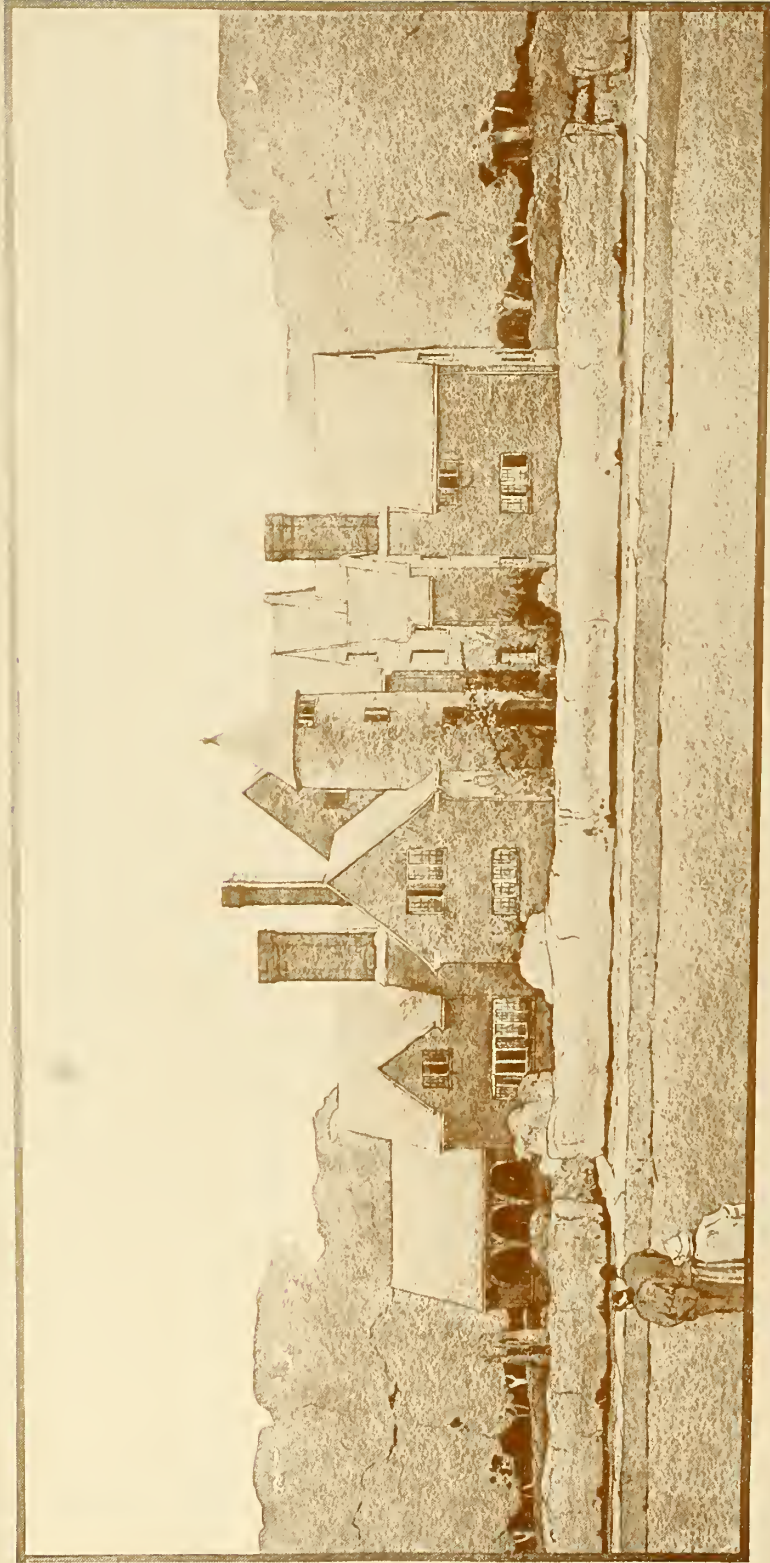
MELLOR AND MEIGS, ARCHITECTS



THE PRINCETON CHARTER CLUB

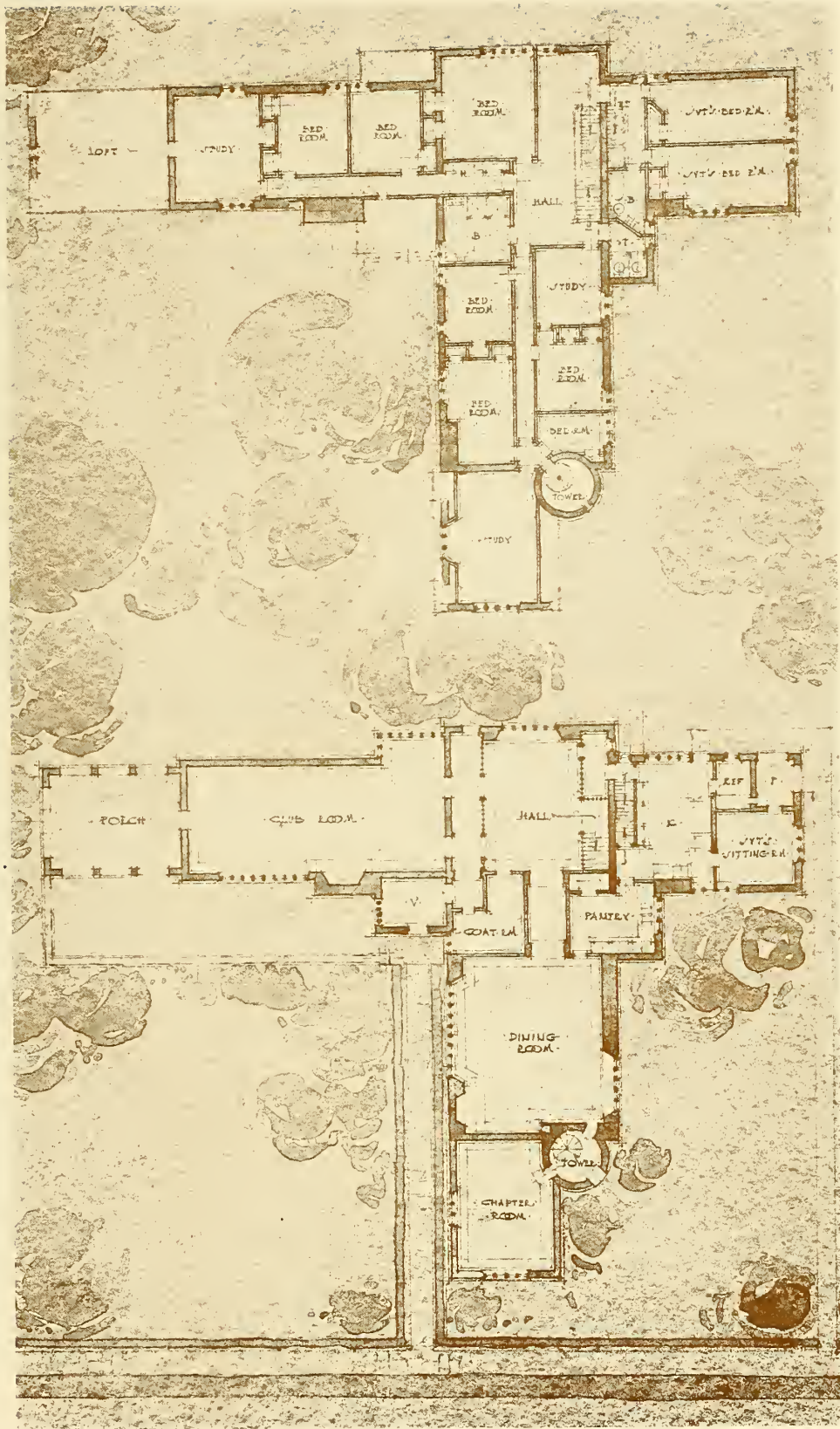
Princeton, N. J.

MELLOR AND MEIGS, ARCHITECTS



PHI GAMMA DELTA FRATERNITY
STATE COLLEGE, PA.
MELLOR AND MEIGS, ARCHITECTS.

PHI GAMMA DELTA FRATERNITY, STATE COLLEGE, PA.
MELLOR AND MEIGS, ARCHITECTS



Plans
 PHI GAMMA DELTA FRATERNITY
 State College, Pa.
 MELLOR AND MEIGS, ARCHITECTS



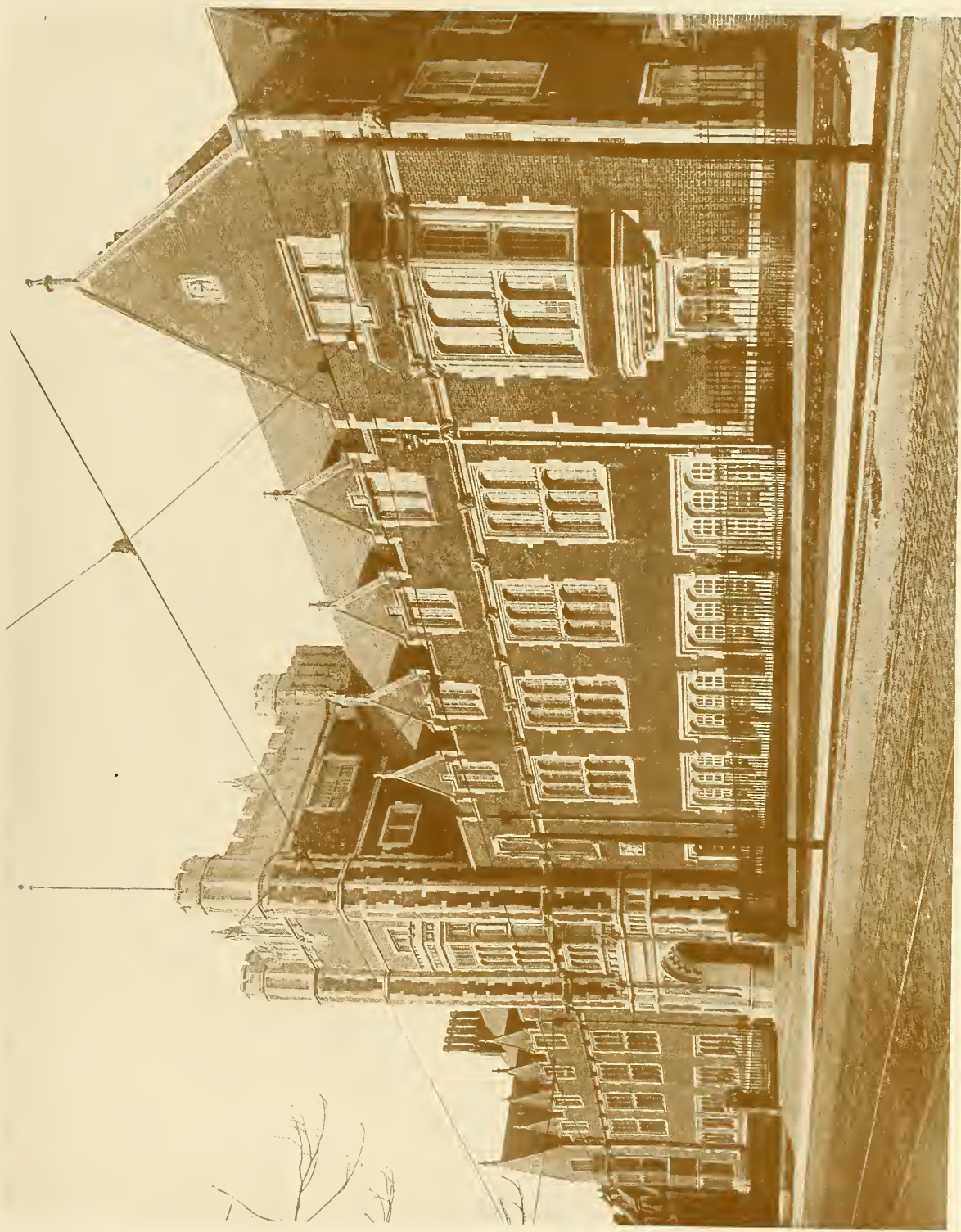
South Elevation
THE CLEEMANN DORMITORY, UNIVERSITY OF PENNSYLVANIA
STEWARTSON AND PAGE, ARCHITECTS



North Elevation
THE GLEEMANN DORMITORY, UNIVERSITY OF PENNSYLVANIA
STEWARTSON AND PAGE, ARCHITECTS



Main Entrance Tower
THE THOMAS W. EVANS MUSEUM AND DENTAL INSTITUTE
SCHOOL OF DENTISTRY, UNIVERSITY OF PENNSYLVANIA
JOHN T. WINDRIM, ARCHITECT



Spruce Street Elevation

THE THOMAS W. EVANS MUSEUM AND DENTAL INSTITUTE
SCHOOL OF DENTISTRY, UNIVERSITY OF PENNSYLVANIA

JOHN T. WINDRIM, ARCHITECT



Fortieth Street Elevation

THE THOMAS W. EVANS MUSEUM AND DENTAL INSTITUTE
SCHOOL OF DENTISTRY, UNIVERSITY OF PENNSYLVANIA

JOHN T. WINDRIM, ARCHITECT



HAVERFORD COLLEGE INFIRMARY

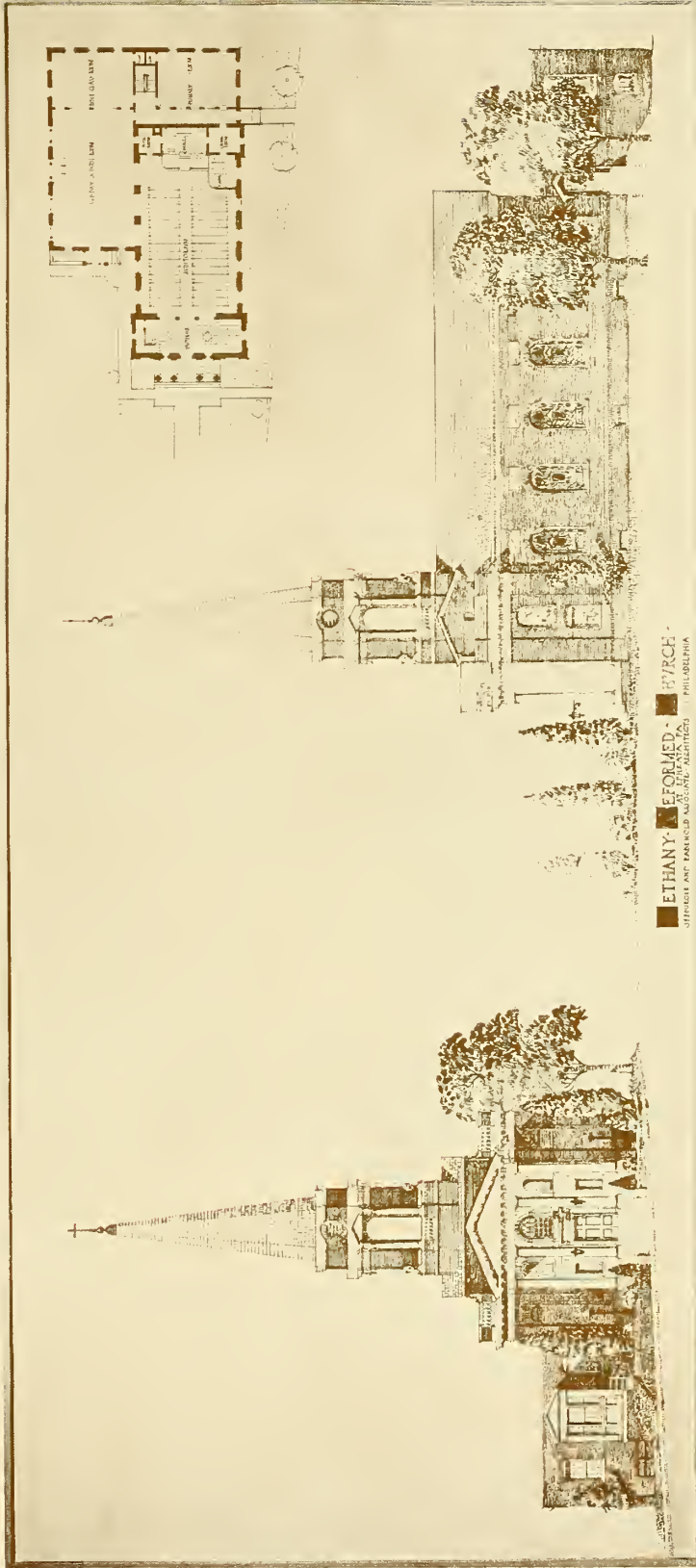
Haverford, Pa.

BAILY AND BASSETT, ARCHITECTS



C. E. Klauder 1916
p. 16

DETAIL OF DINING HALL, PRINCETON UNIVERSITY
DAY AND KLAUDER, ARCHITECTS




ETHANY REFORMED CHURCH
 ARCHITECTS
 117 N. 3RD ST. PHILADELPHIA, PA.

BETHANY REFORMED CHURCH
Ephrata, Pa.

SEEBURGER AND RABENOLD, ASSOCIATE ARCHITECTS

Sketch Plans of
Proposed Church of the
Epiphany - Sherwood Philadelphia



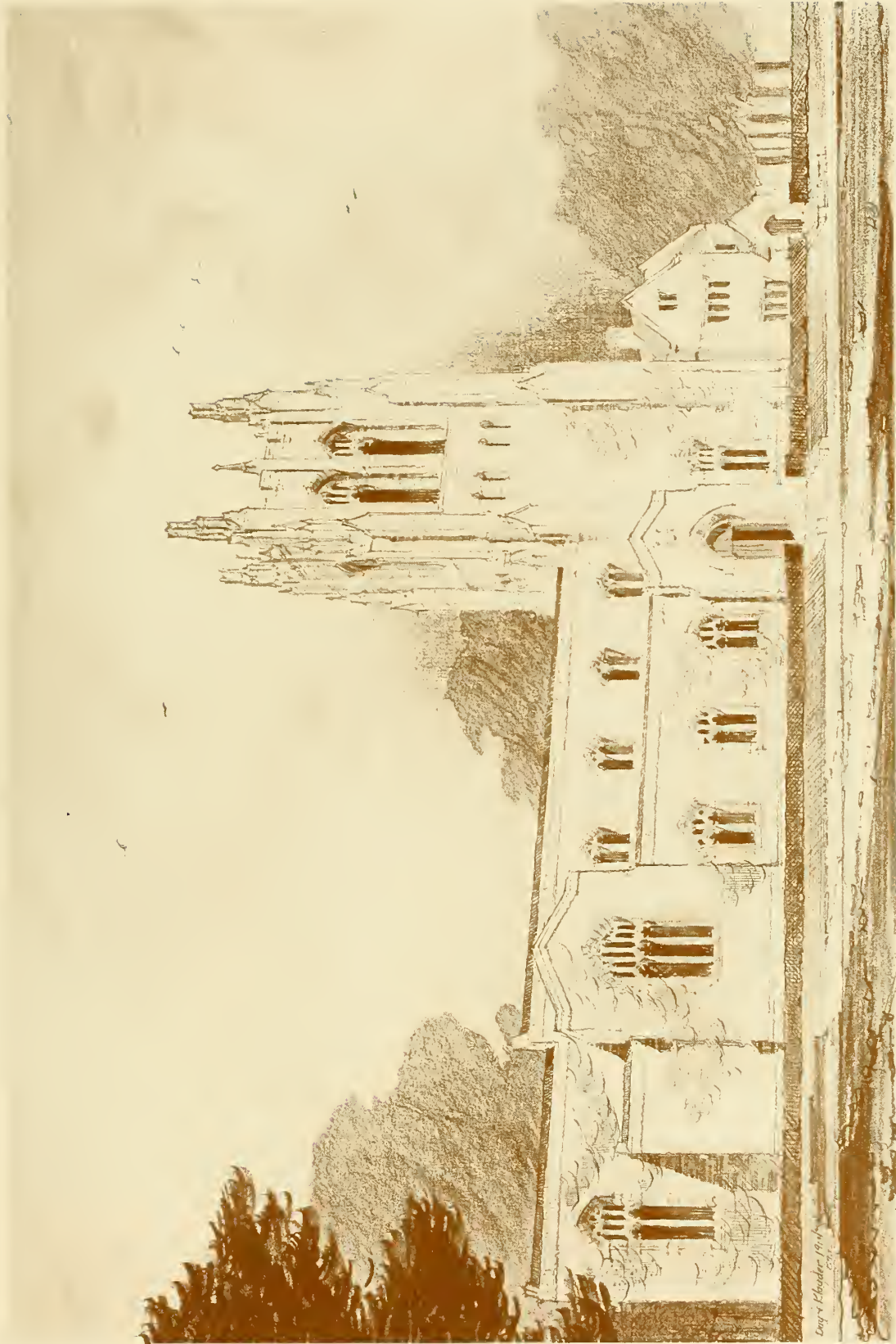
Scale 1/4" = 1'-0"

SKETCH PLAN FOR PROPOSED CHURCH OF THE EPIPHANY

Sherwood, Philadelphia

DAY AND KLAUDER, ARCHITECTS. E. E. HENDRICKSON, ASSOCIATE

Day & Kluder, Architects
200 Chestnut Street
Philadelphia, Pa.



SKETCH FOR PROPOSED CHURCH OF THE EPIPHANY

Sherwood, Philadelphia

DAY AND KLAUDER, ARCHITECTS. E. E. HENDRICKSON, ASSOCIATE



THE CHOIR: SAINT MARK'S CHURCH, FRANKFORD

WATSON AND HUCKEL, ARCHITECTS

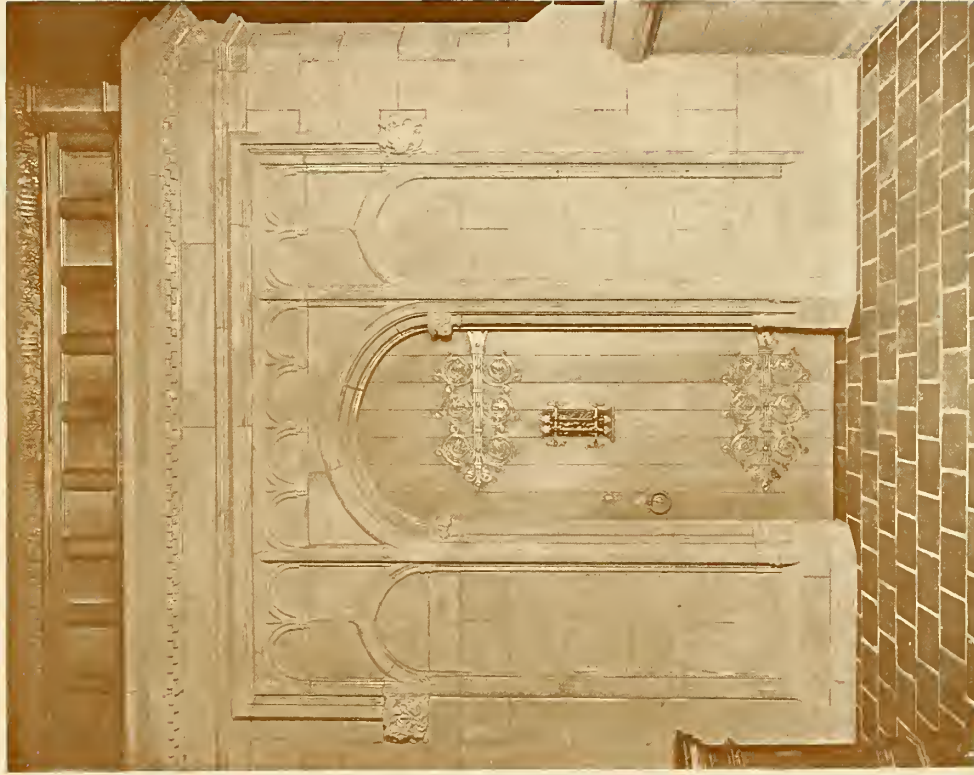


REREDOS, SAINT MARK'S CHURCH, FRANKFORD

WATSON AND HUCKEL, ARCHITECTS



Altar in Lady Chapel

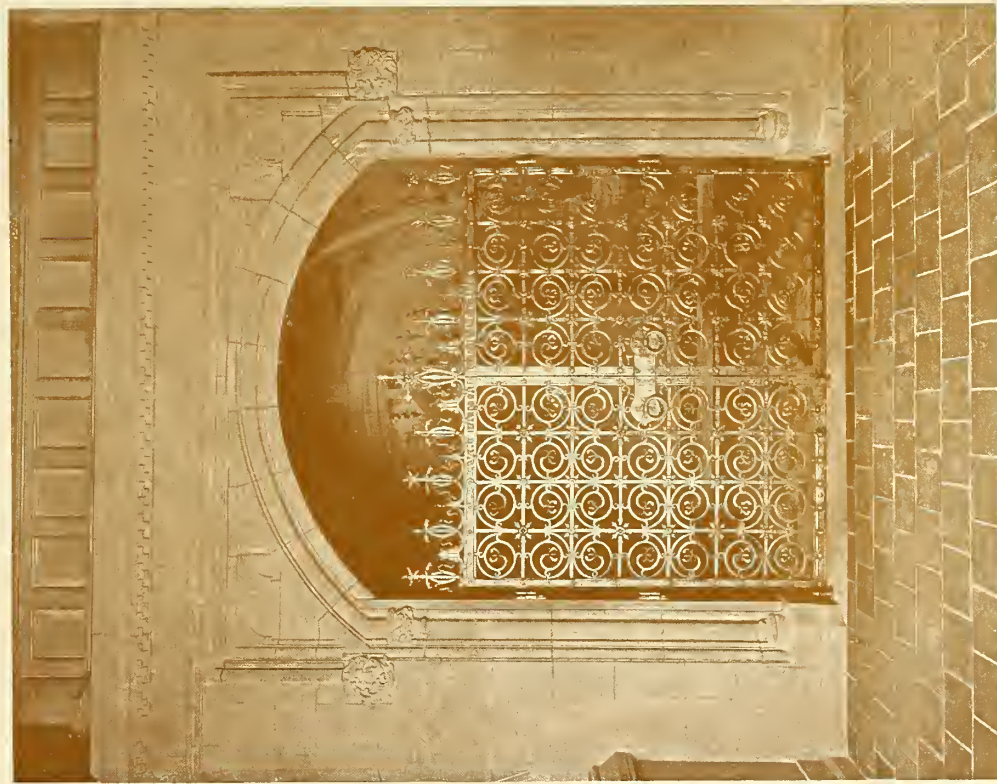


Exterior of Choir Sacristy

ST. CLEMENT'S CHURCH, PHILADELPHIA

HORACE WELLS SELLERS, ARCHITECT

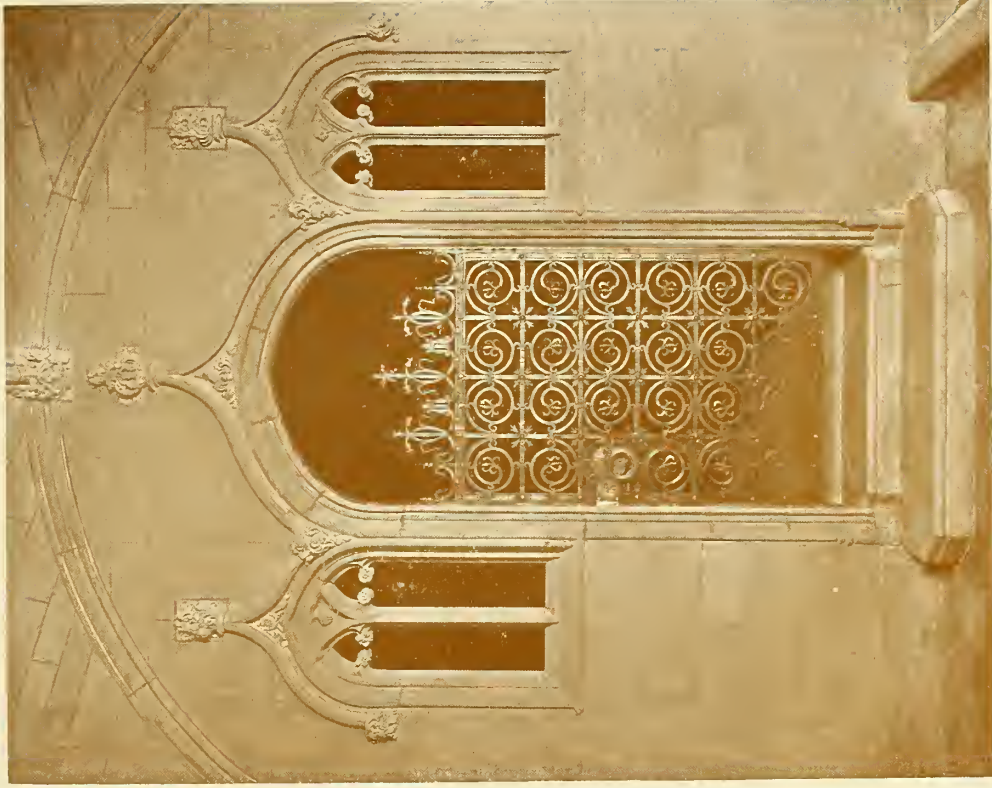
Ironwork Executed by Samuel Yellin



Exterior of Lady Chapel, Entrance from Nave

ST. CLEMENT'S CHURCH, PHILADELPHIA

HORACE WELLS SELLERS, ARCHITECT
Ironwork Executed by Samuel Yellin



Interior of Lady Chapel, Doorway to Choir



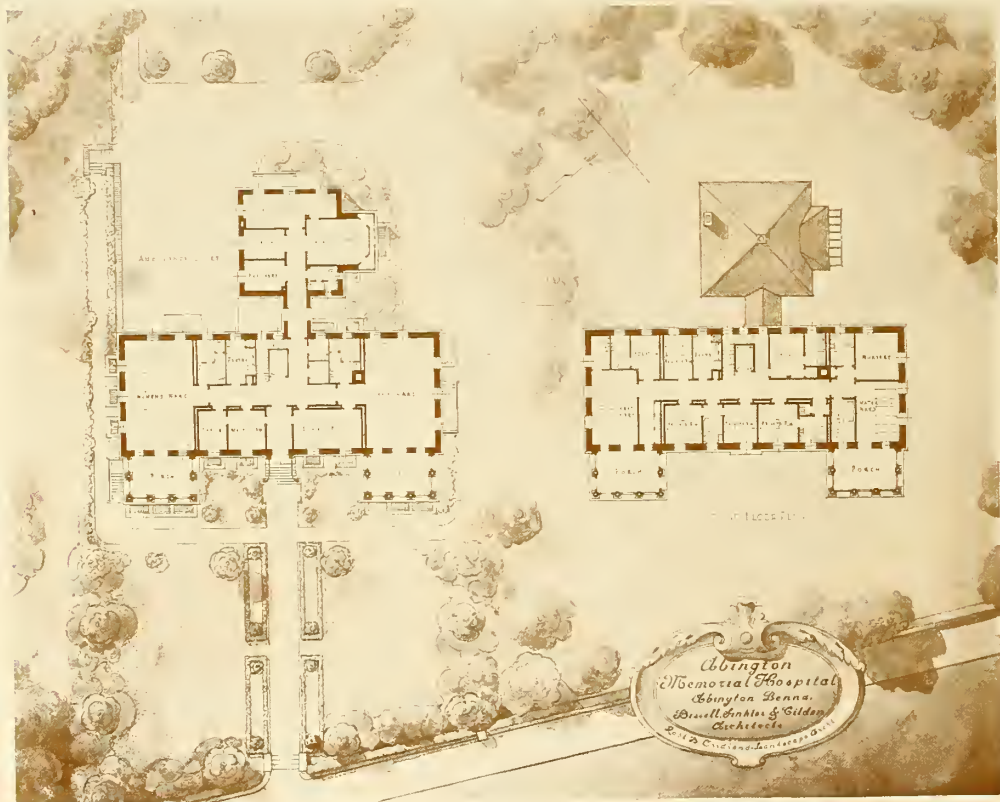
ST. CLEMENT'S CHURCH, PHILADELPHIA
Southwest View Toward Lady Chapel, Showing Choir Extension and New Organ
HORACE WELLS SELLERS, ARCHITECT



CHRIST CHURCH, NORFOLK, VA.
WATSON AND HUCKEL, ARCHITECTS



Front Elevation



Plans

ABINGTON MEMORIAL HOSPITAL
Abington, Pa.

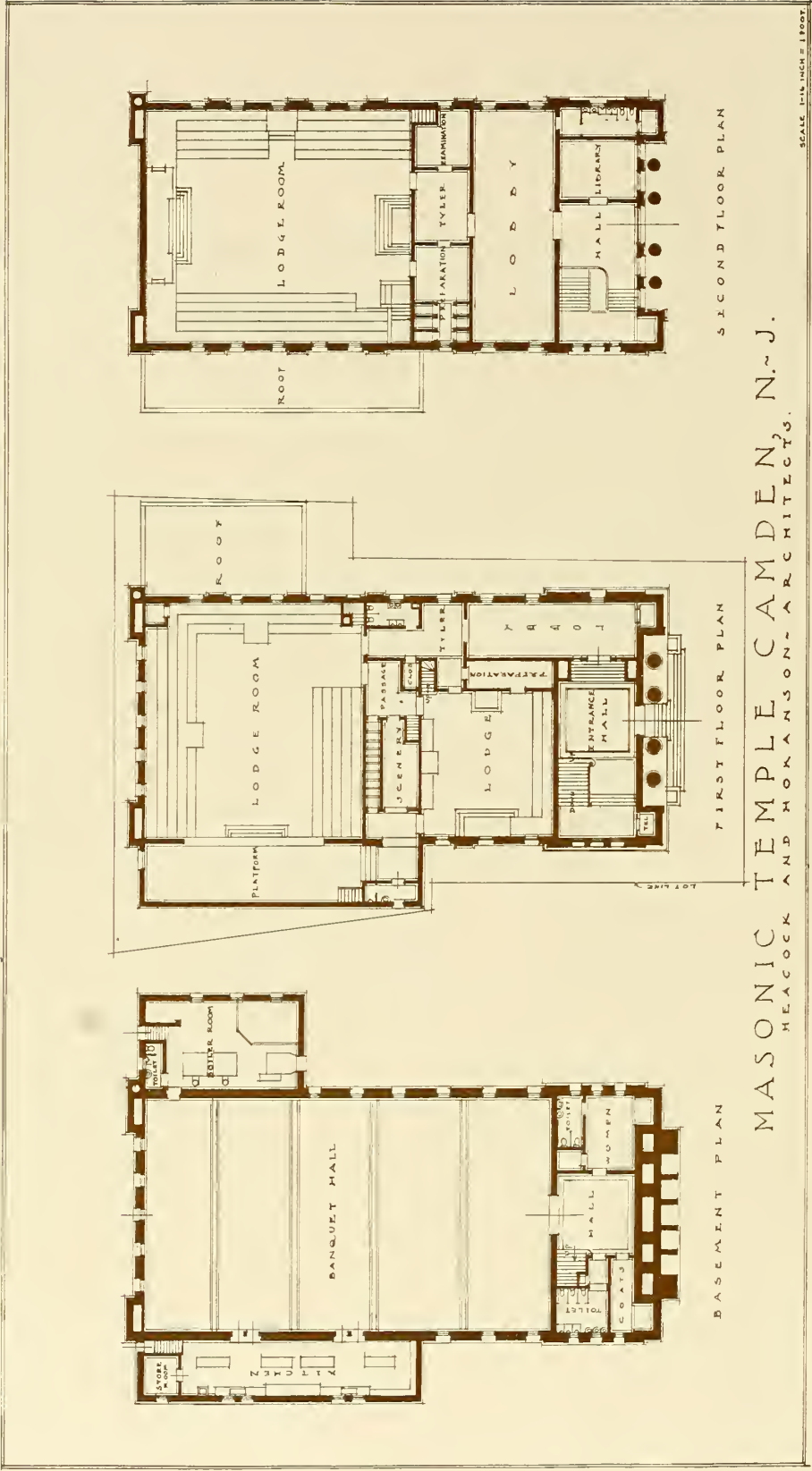
BISSELL, SINKLER AND TILDEN, ARCHITECTS



ABINGTON MEMORIAL HOSPITAL

Abington, Pa.

BISSELL, SINKLER AND TILDEN, ARCHITECTS



Plans
 MASONIC TEMPLE, CAMDEN, N. J.
 HEACOCK AND HOKANSON, ARCHITECTS



MASONIC TEMPLE, CAMDEN, N. J.

HEACOCK AND HOKANSON, ARCHITECTS



MEMORIAL ARCH AT VALLEY FORGE, PA.
PAUL P. CRET, ARCHITECT



MEMORIAL ARCH AT VALLEY FORGE, PENNA.

PAUL P. CRET, ARCHITECT



MONUMENT TO FRANCIS DANIEL PASTORIUS

Vernon Park, Germantown, Philadelphia

ALBERT JAEGER, SCULPTOR

HENRY BACON, ARCHITECT



“BENJAMIN FRANKLIN, THE YOUTH”

Statue Erected in Front of the Gymnasium, University of Pennsylvania

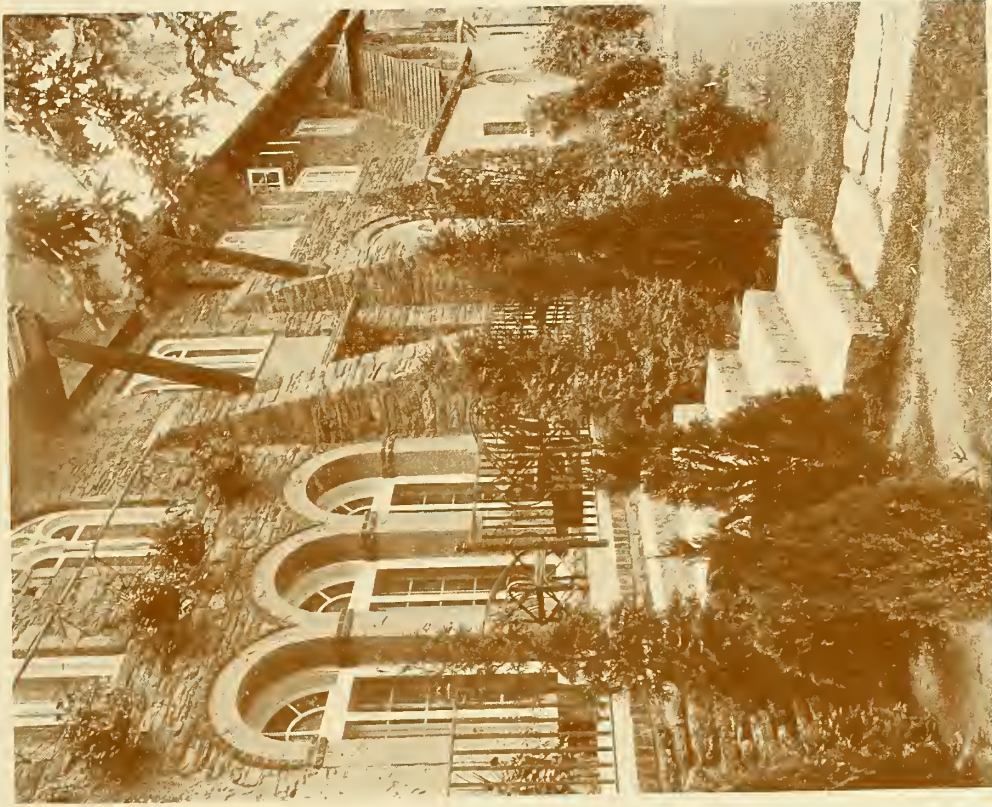
R. TAIT MCKENZIE, SCULPTOR

PAUL P. CRET, ARCHITECT

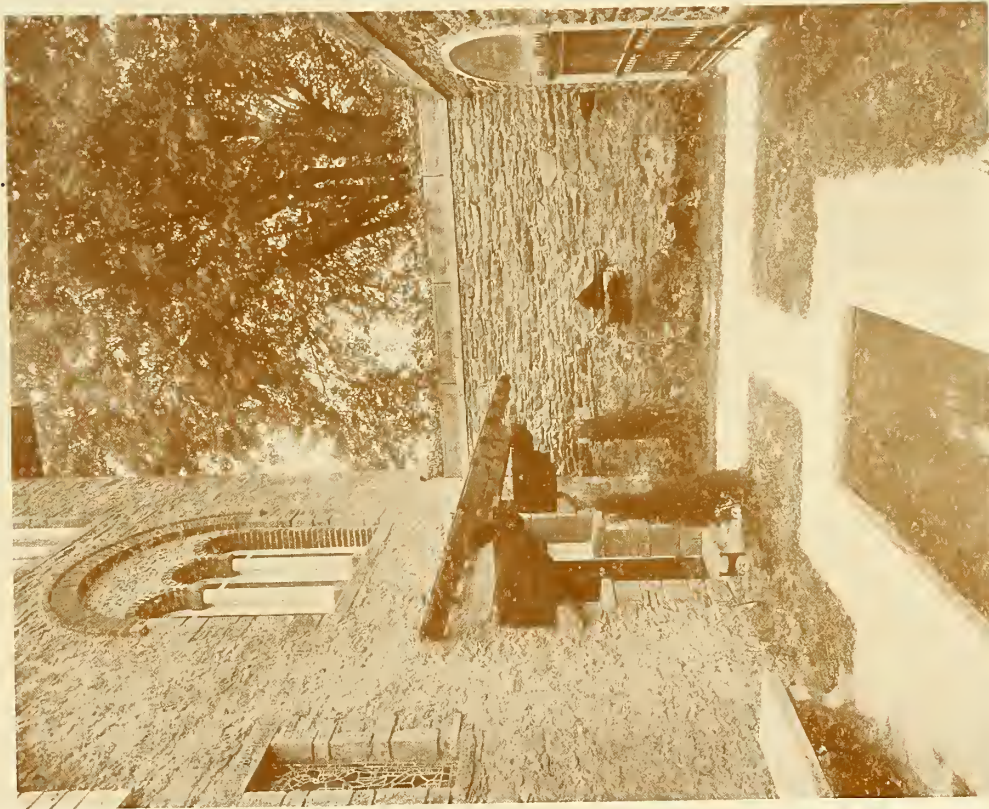


STUDIO BUILDING FOR THE WILLET STAINED GLASS CO. AT ST. MARTIN'S, PHILADELPHIA.

DUHRING, OKIE AND ZIEGLER, ARCHITECTS



Terrace Outside Living Room



Fore-Court

STUDIO BUILDING FOR THE WILLET STAINED GLASS CO.

AT ST. MARTINS, PHILADELPHIA

DUHRING, OKIE AND ZIEGLER, ARCHITECTS



THE PARKWAY CENTRAL OFFICE BUILDING
BELL TELEPHONE COMPANY OF PENNA.

JOHN T. WINDRIM, ARCHITECT

DOMESTIC AND LANDSCAPE ARCHITECTURE

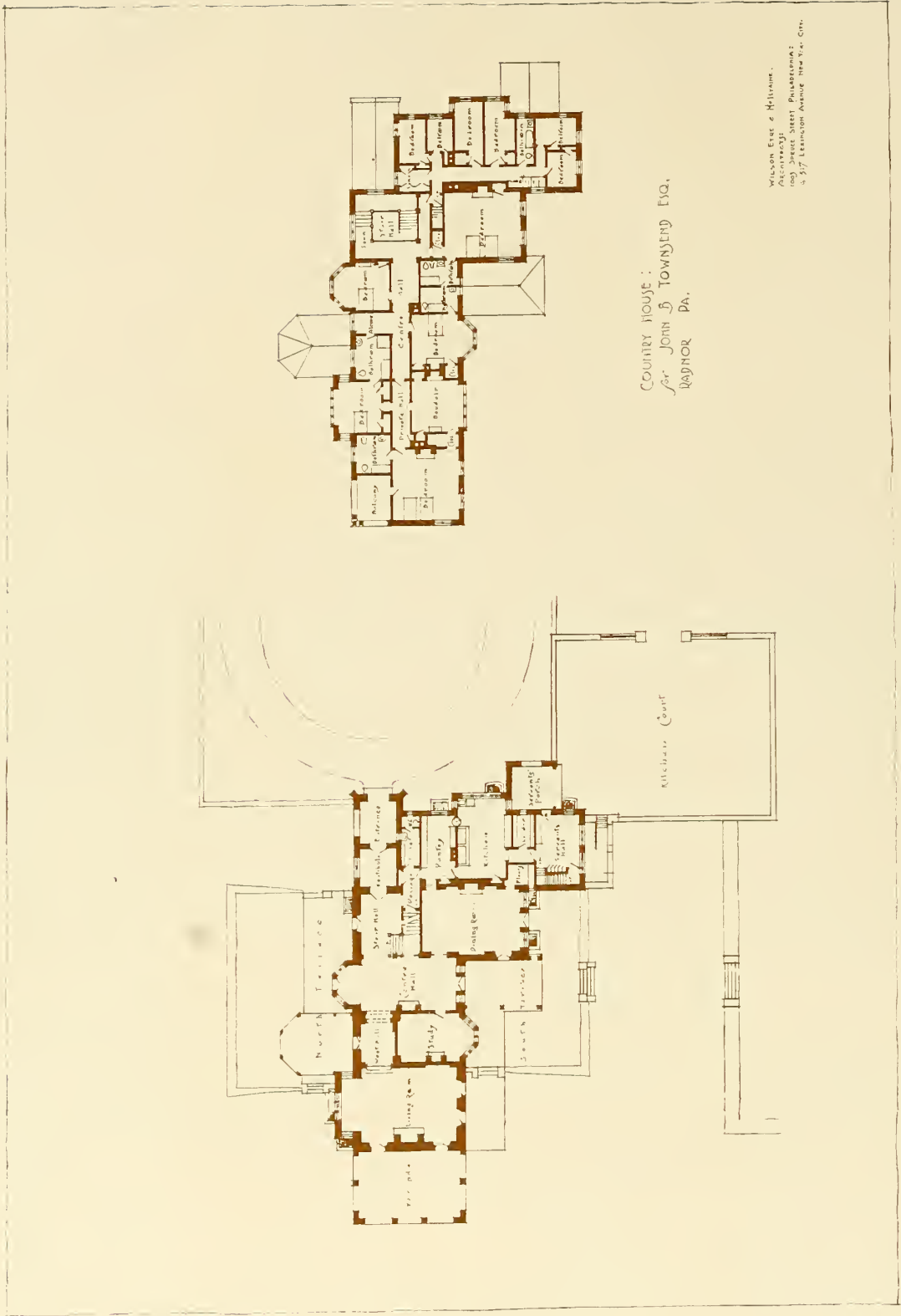


HOUSE FOR C. W. MORRIS, ESQ.

HOUSE FOR C. W. MORRIS, ESQ.

Haverford, Pa.

MELLOR AND MEIGS, ARCHITECTS



COUNTRY HOUSE :
for JOHN B. TOWNSEND Esq.,
RADNOR Pa.

WILSON EYRE & McILVAINE,
ARCHITECTS,
1045 BROAD STREET PHILADELPHIA,
5 517 LEANING AVENUE NEW YORK CITY.

Plans
COUNTRY HOUSE FOR JOHN B. TOWNSEND, ESQ.,
Radnor, Pa.
WILSON EYRE AND McILVAINE, ARCHITECTS



COUNTRY HOUSE FOR JOHN B. TOWNSEND, ESQ.
Radnor, Pa.

WILSON EYRE AND MCGLAINE, ARCHITECTS

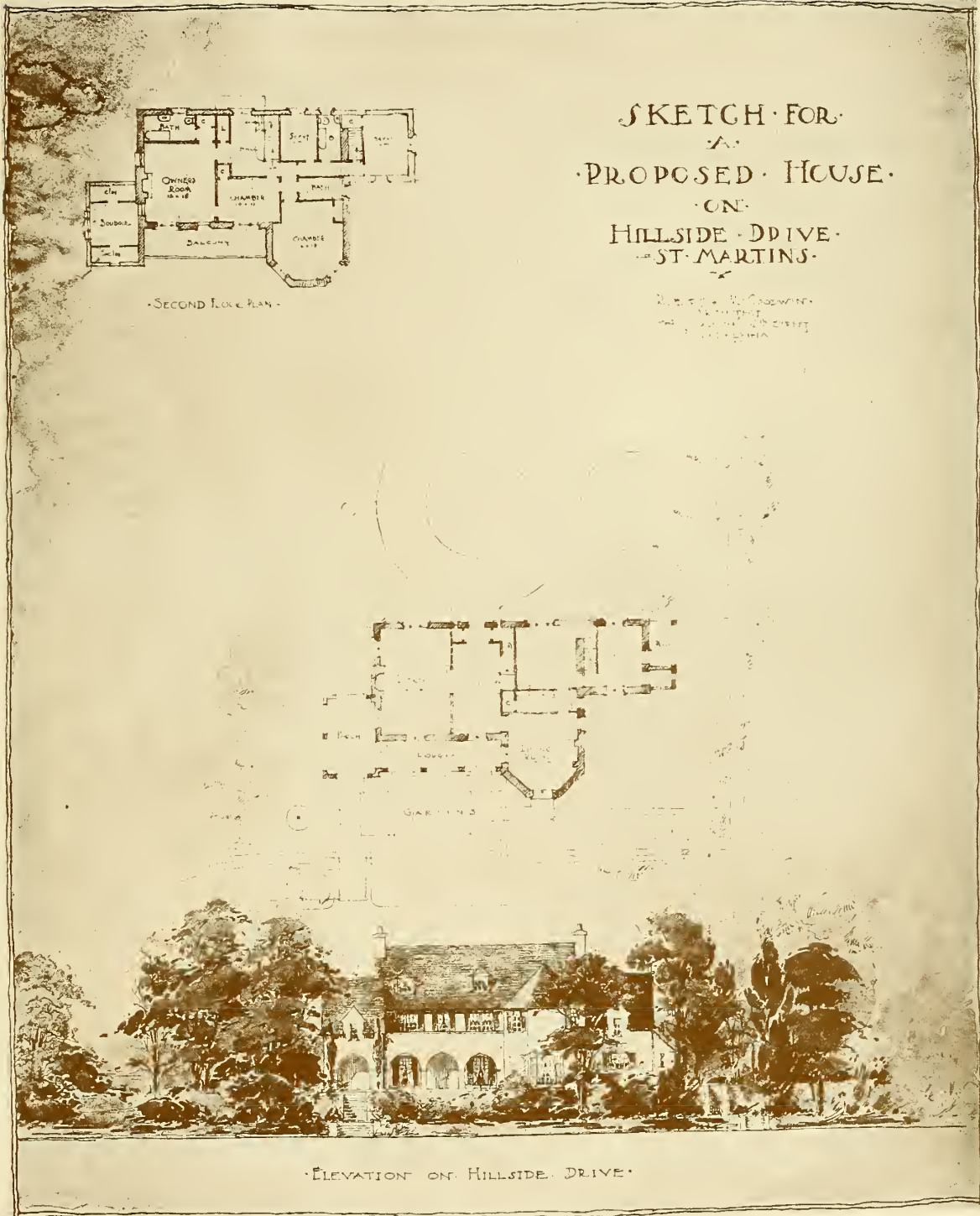


Stair Hall for
 John B. Townsend Esq.
 Radnor
 Pa.



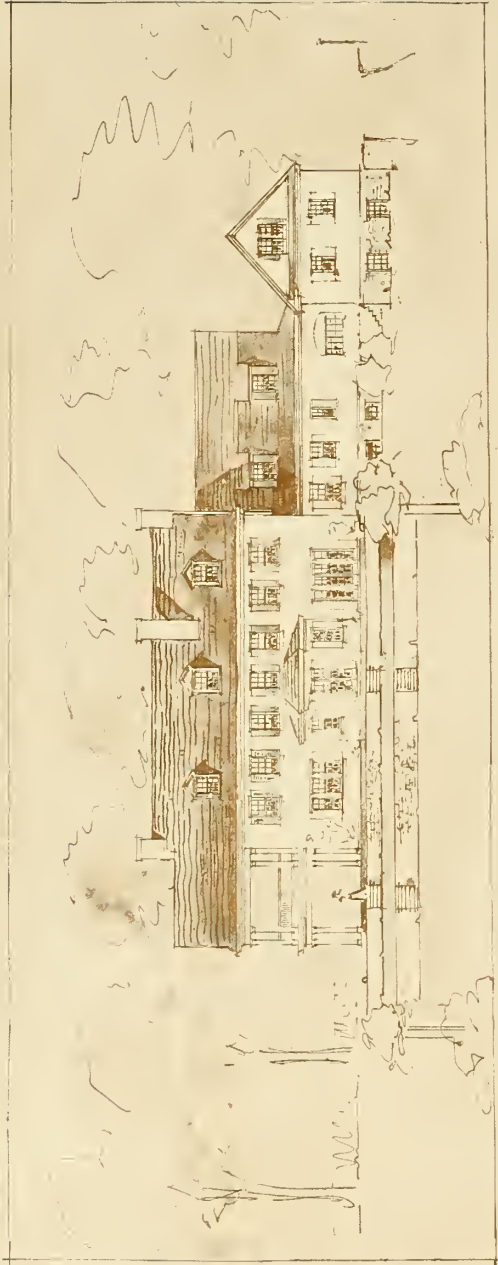
Wilson Eyre & McIlvaine
 Architects

Stair Hall
 COUNTRY HOUSE FOR JOHN B. TOWNSEND, ESQ.
 Radnor, Pa.
 WILSON EYRE AND MCILVAINE, ARCHITECTS



SKETCH FOR A HOUSE AT ST. MARTINS, PHILADELPHIA

ROBERT R. MCGOODWIN, ARCHITECT



CAREER ELEVATION

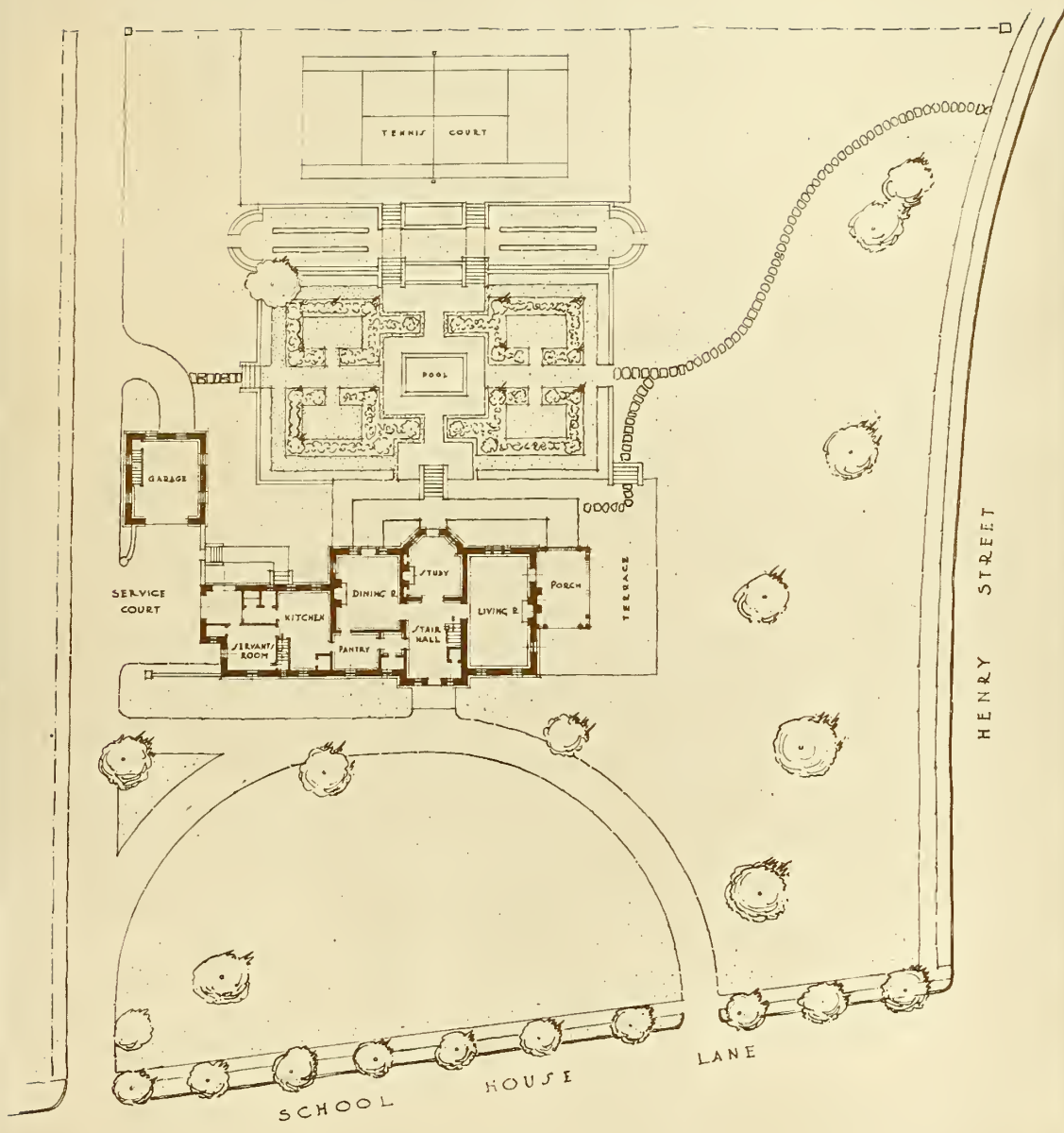


SCHOOL LANE, ELEVATION

HOUSE FOR DANIEL H. CARSTAIRS, ESQ.

Germantown, Philadelphia

BROCKIE AND HASTINGS, ARCHITECTS

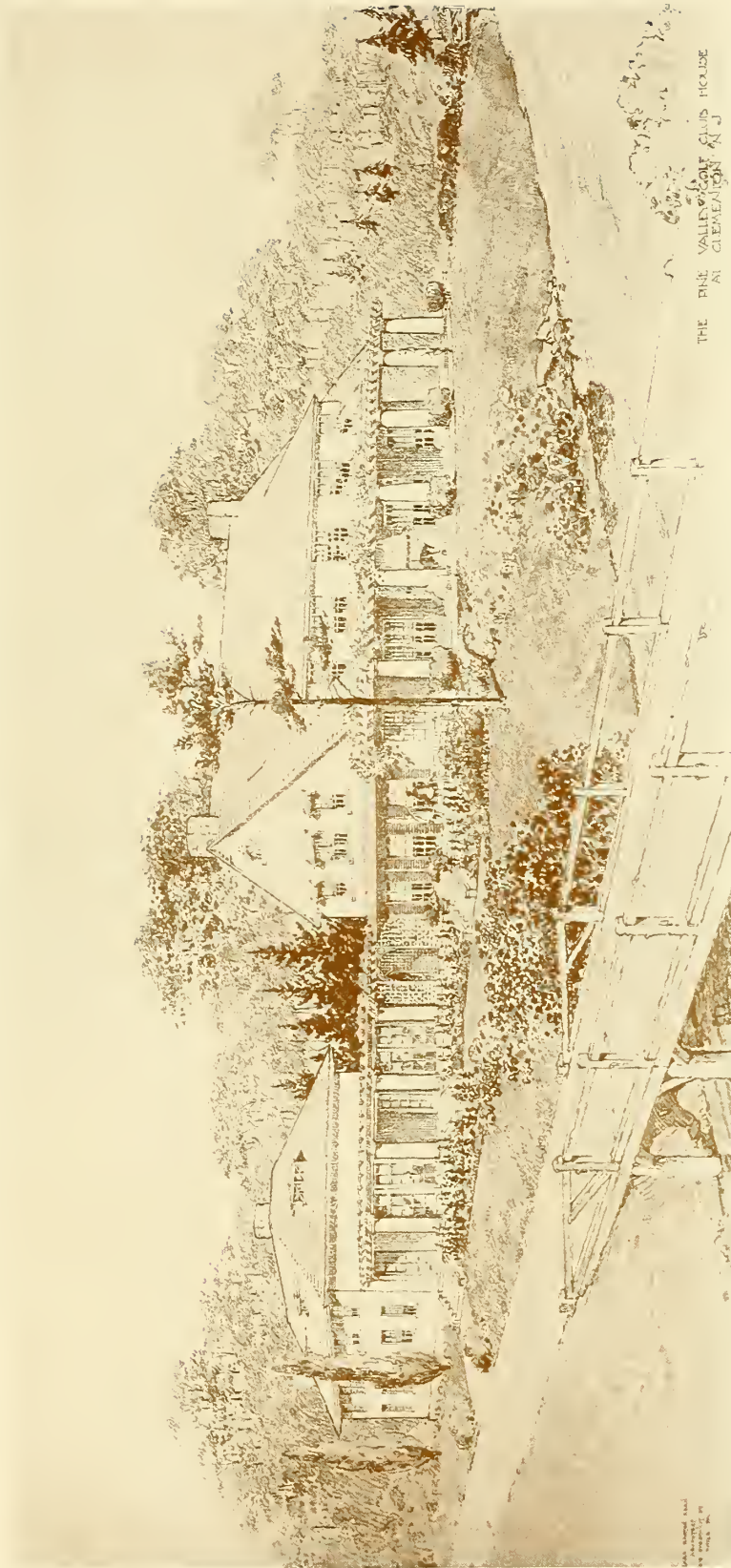


Plan
 HOUSE FOR DANIEL H. CARSTAIRS, ESQ.
 Germantown, Philadelphia
 BROCKIE AND HASTINGS, ARCHITECTS



RESIDENCE OF MR. WILLIAM C. SPRUANCE, JR.
Wilmington, Del.

CHARLES BARTON KEEN, ARCHITECT



THE PINE VALLEY GOLF CLUB HOUSE
IN CLEVELAND, N. J.

THE PINE VALLEY GOLF CLUB HOUSE

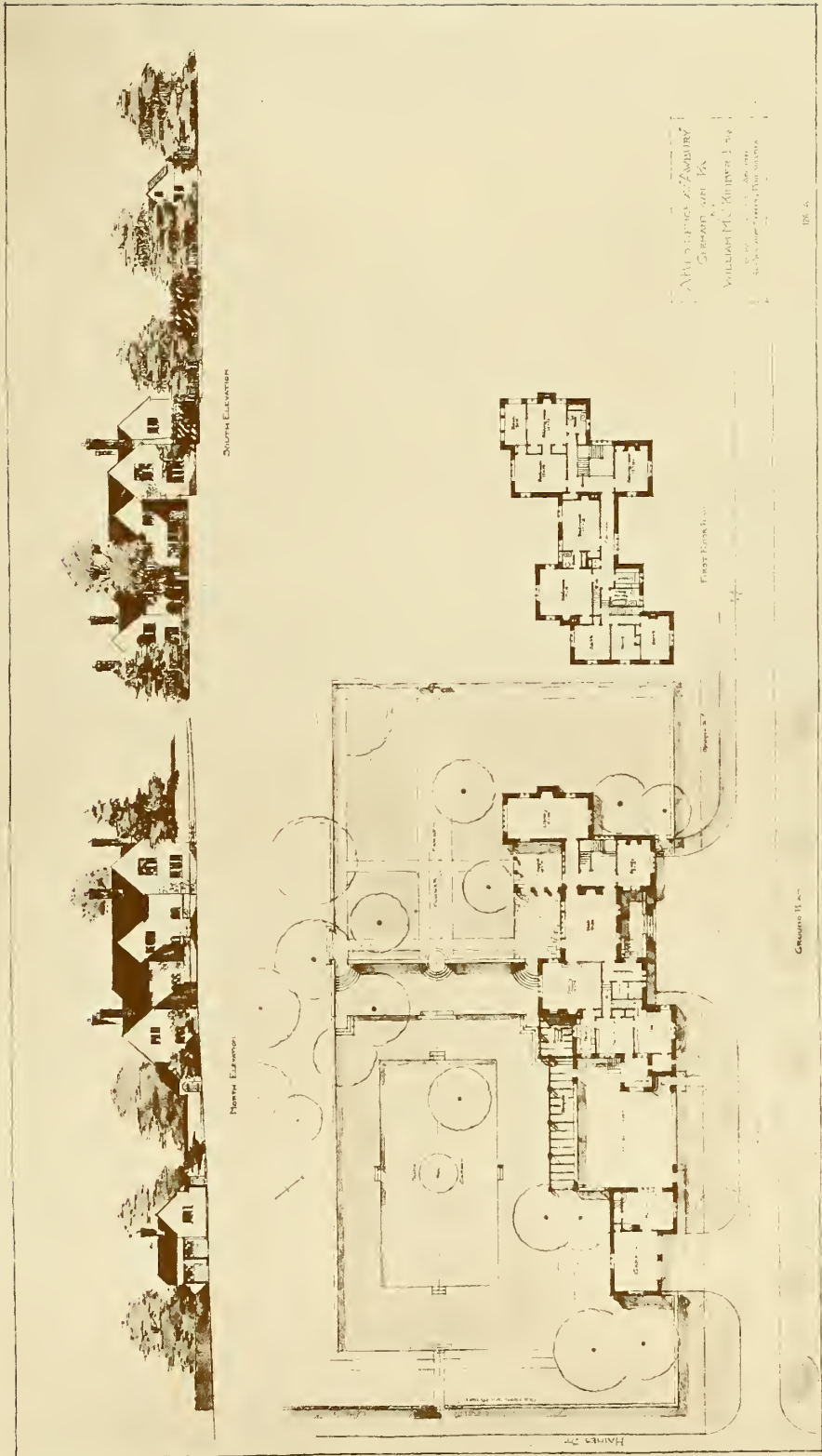
Clementon, N. J.

CHARLES BARTON KEEN, ARCHITECT

Copyright 1911
by Charles Barton Keen
New York, N. Y.



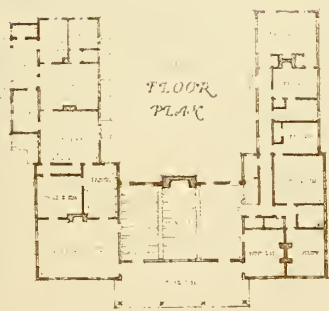
HOUSE FOR MR. F. L. DEARMOND
Wilmington, Del.
DEARMOND, ASHMEAD AND BICKLEY, ARCHITECTS



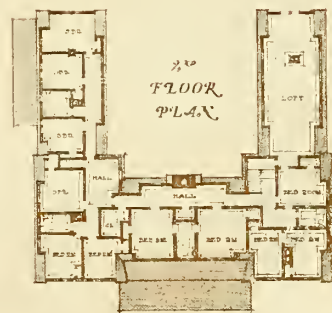
A RESIDENCE AT "AWBURY," GERMANTOWN, PENNA.
EDMUND B. GILCHRIST, ARCHITECT



A HOUSE ON HOPE ISLAND, MAINE
BISSELL, SINKLER AND TILDEN, ARCHITECTS



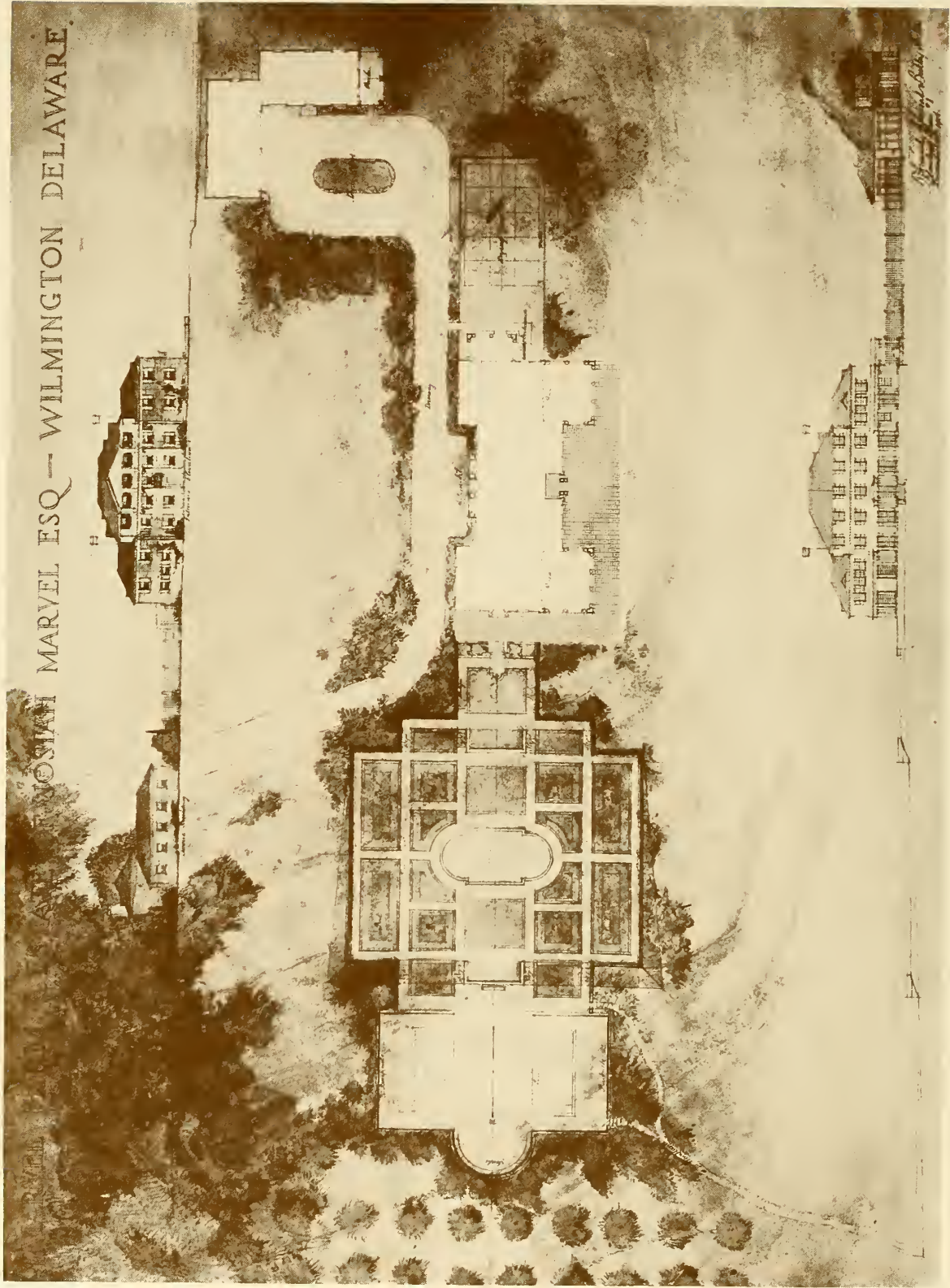
A.
*COUNTRY
 HOUSE
 ON HOPE ISLAND
 CASCO BAY MAINE*



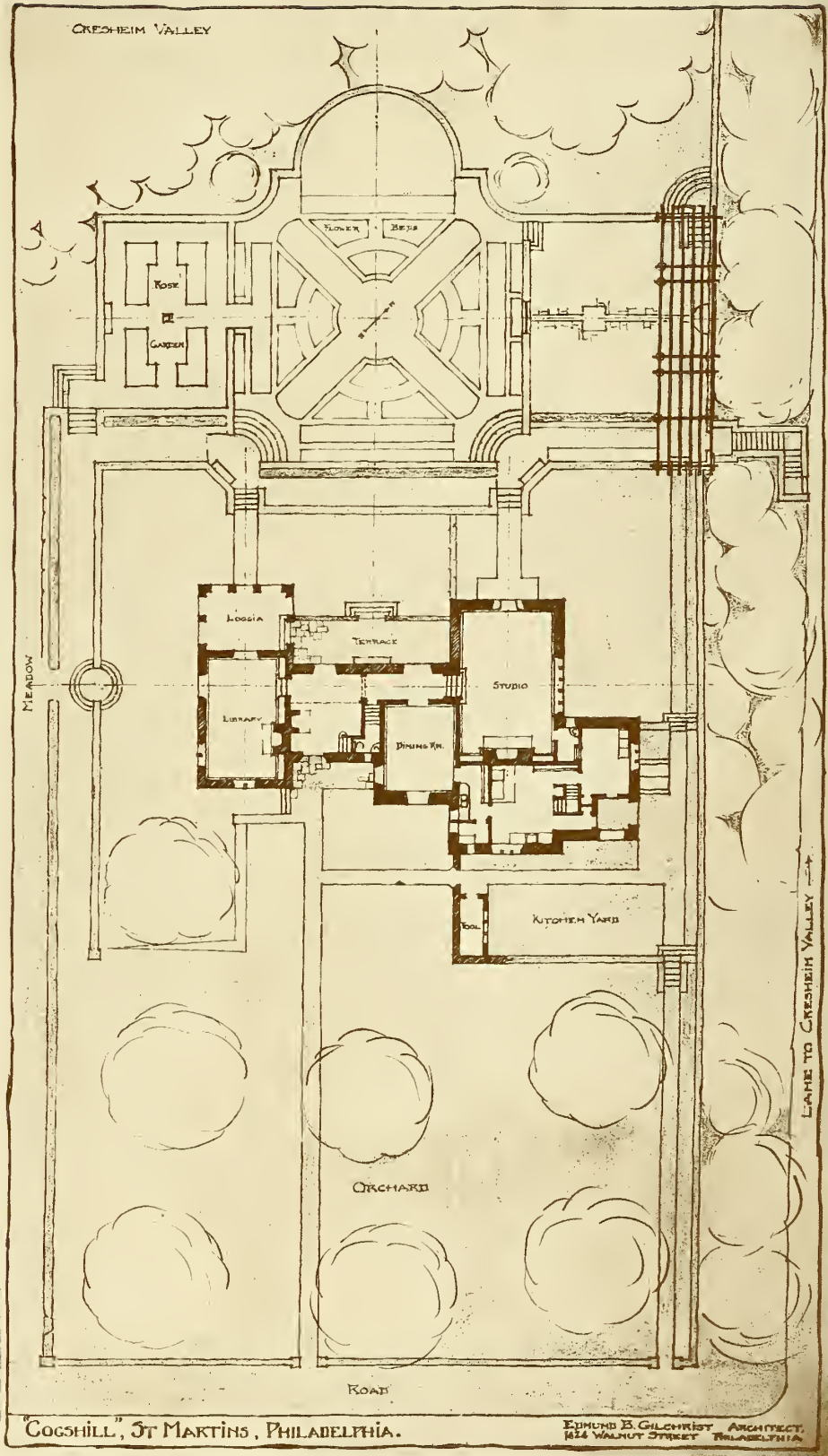
Bissell Sinkler & Tilden.

A HOUSE ON HOPE ISLAND, MAINE
 BISSELL, SINKLER AND TILDEN, ARCHITECTS

JOSEPH MARVEL ESQ -- WILMINGTON DELAWARE.



FARM ESTATE, WILMINGTON, DELAWARE
DE ARMOND, ASHMEAD AND BICKLEY, ARCHITECTS



Plan
 "COGSHILL," ST. MARTINS, PHILADELPHIA
 EDMUND B. GILCHRIST, ARCHITECT



The Entrance Front
"COGSHILL," ST. MARTIN'S, PHILADELPHIA
EDMUND B. GILCHRIST, ARCHITECT



THE STUDIO, "COGSHILL," ST. MARTINS, PHILADELPHIA

EDMUND B. GILCHRIST, ARCHITECT



Library



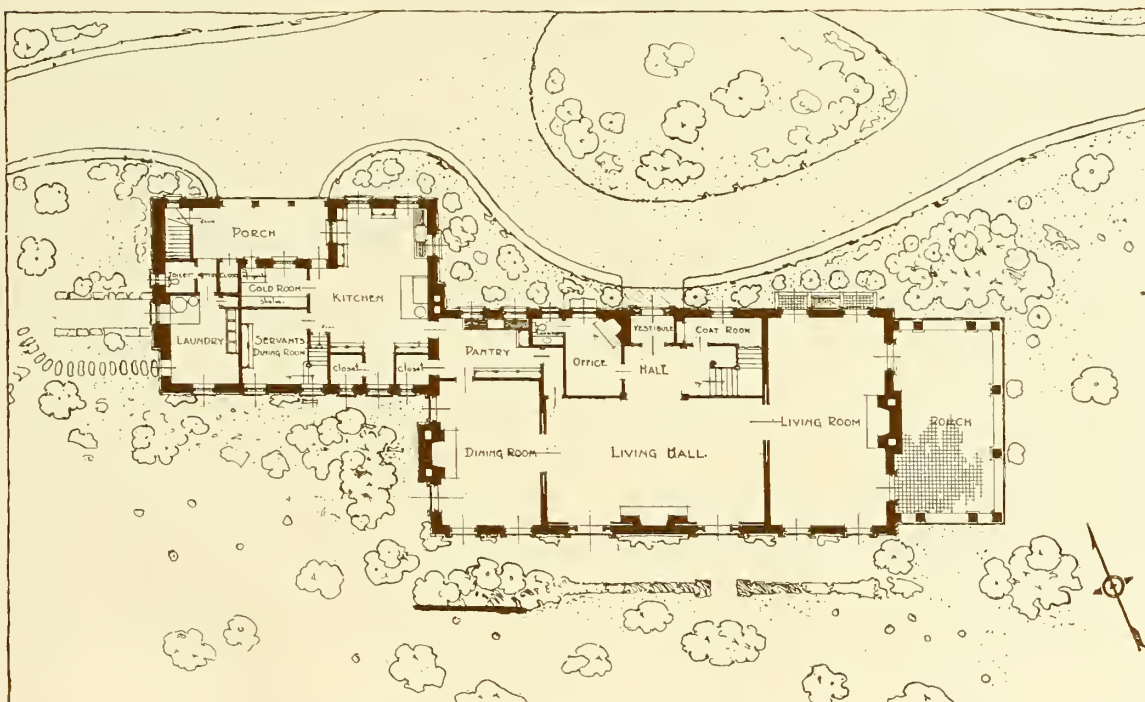
Stair Hall

“COGSHILL,” ST. MARTINS, PHILADELPHIA

EDMUND B. GILCHRIST, ARCHITECT



Entrance Front



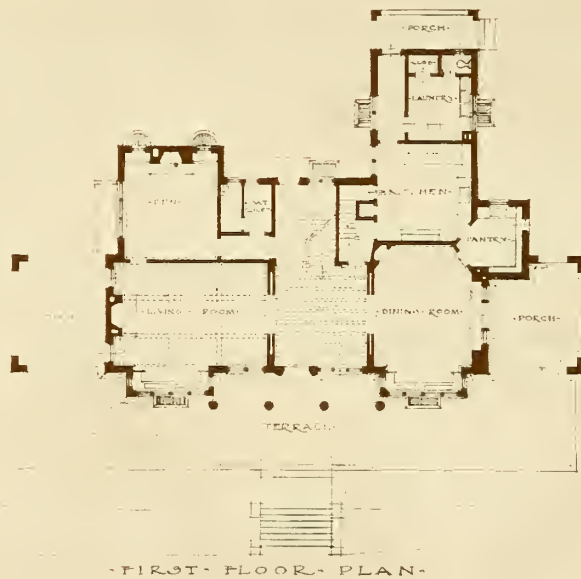
First Floor Plan
 HOUSE FOR H. W. HARRISON, ESQ.
 Devon, Pa.
 DUHRING, OKIE AND ZIEGLER, ARCHITECTS



HOUSE FOR H. W. HARRISON, ESQ., DEVON, PENNA.
DUHRING, OKIE AND ZIEGLER, ARCHITECTS



HOUSE FOR H. W. HARRISON, ESQ., DEVON, PENNA.
DUHRING, OKIE AND ZIEGLER, ARCHITECTS



HOUSE FOR MR. W. PARK MOORE AT ELKINS PARK, PA.
HEACOCK AND HOKANSON, ARCHITECTS



Terrace

HOUSE FOR MR. W. PARK MOORE, AT ELKINS PARK, PA.

HEACOCK AND HOKANSON, ARCHITECTS

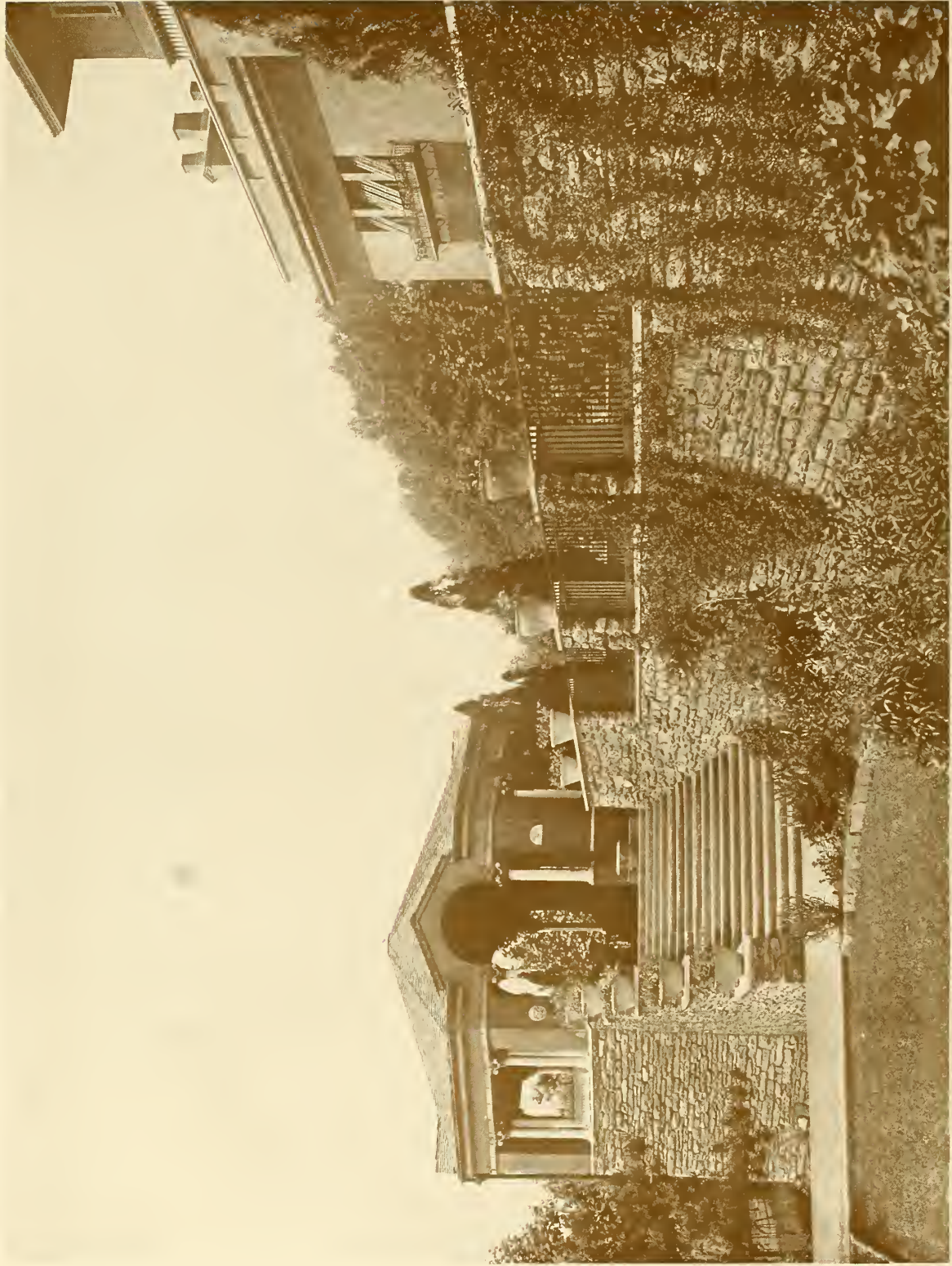


THE DEVON GARAGE TEA ROOM, DEVON, PENNA.
DHRING, OKIE AND ZIEGLER, ARCHITECTS



THE DEVON GARAGE TEA ROOM, DEVON, PENNA.

DUHRING, ORIE AND ZIEGLER, ARCHITECTS



Summer House from Lower Terrace
RESIDENCE OF EDWARD K. ROWLAND, ESQ.
Radnor, Pa.

ZANTZINGER, FORBIE AND MEDARY, ARCHITECTS



Upper Terrace
RESIDENCE OF EDWARD K. ROWLAND, ESQ.
Radnor, Pa.

ZANTZINGER, BORIE AND MEDARY, ARCHITECTS



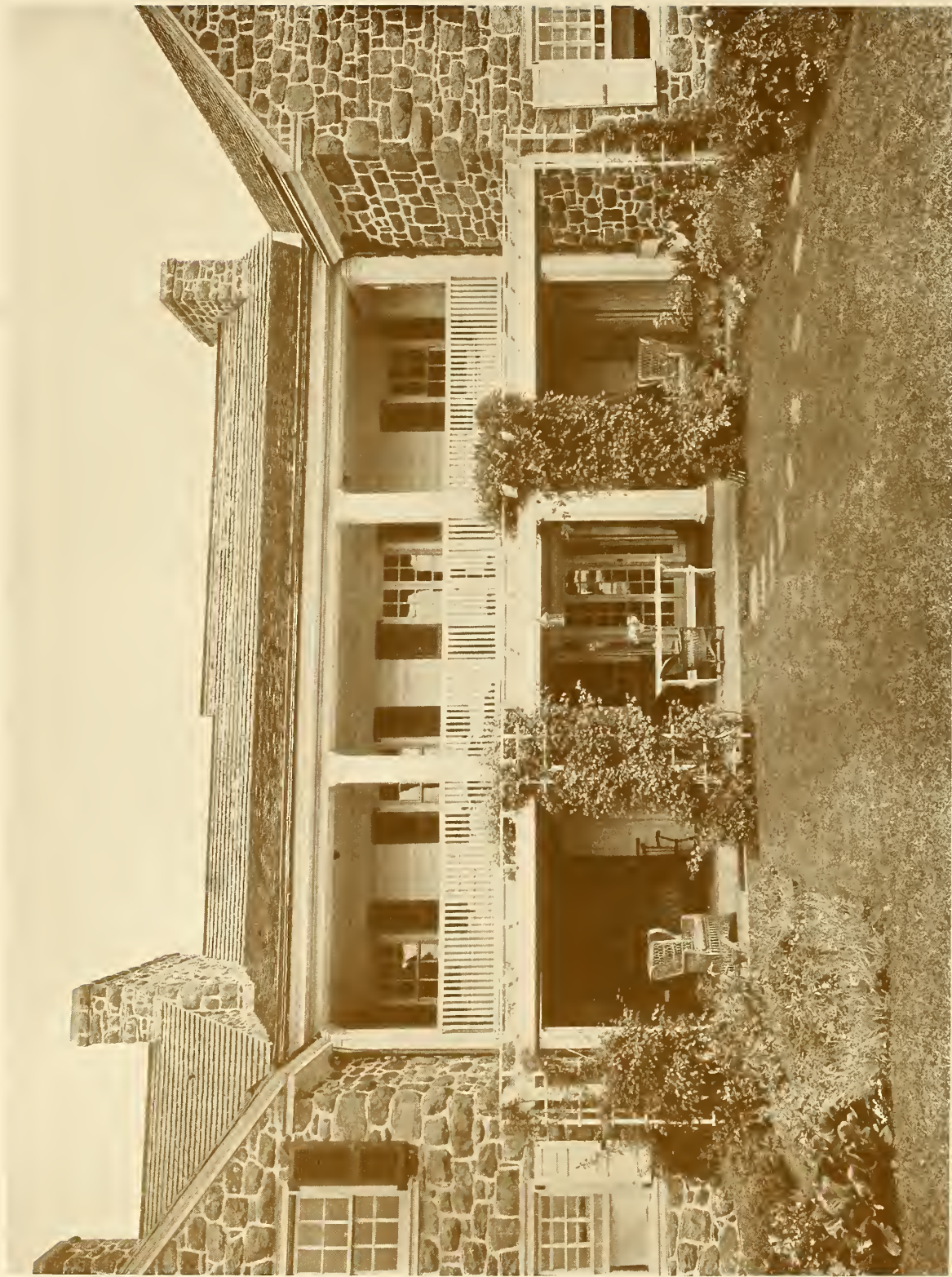
A HOUSE AT RADNOR, PA.
BISSELL, SINKLER AND TILDEN, ARCHITECTS



North Elevation



Wall Garden, South Side
RESIDENCE OF MR. WILLIAM J. McCAHAN, JR.
Moorestown, N. J.
J. FLETCHER STREET, ARCHITECT



Living Porch

HOUSE FOR W. T. HARRIS, ESQ., AT VILLA NOVA, PENNA.

DUEHRING, OKIE AND ZIEGLER, ARCHITECTS



Garden Front



North Elevation

HOUSE FOR W. T. HARRIS, ESQ., AT VILLA NOVA, PENNA.

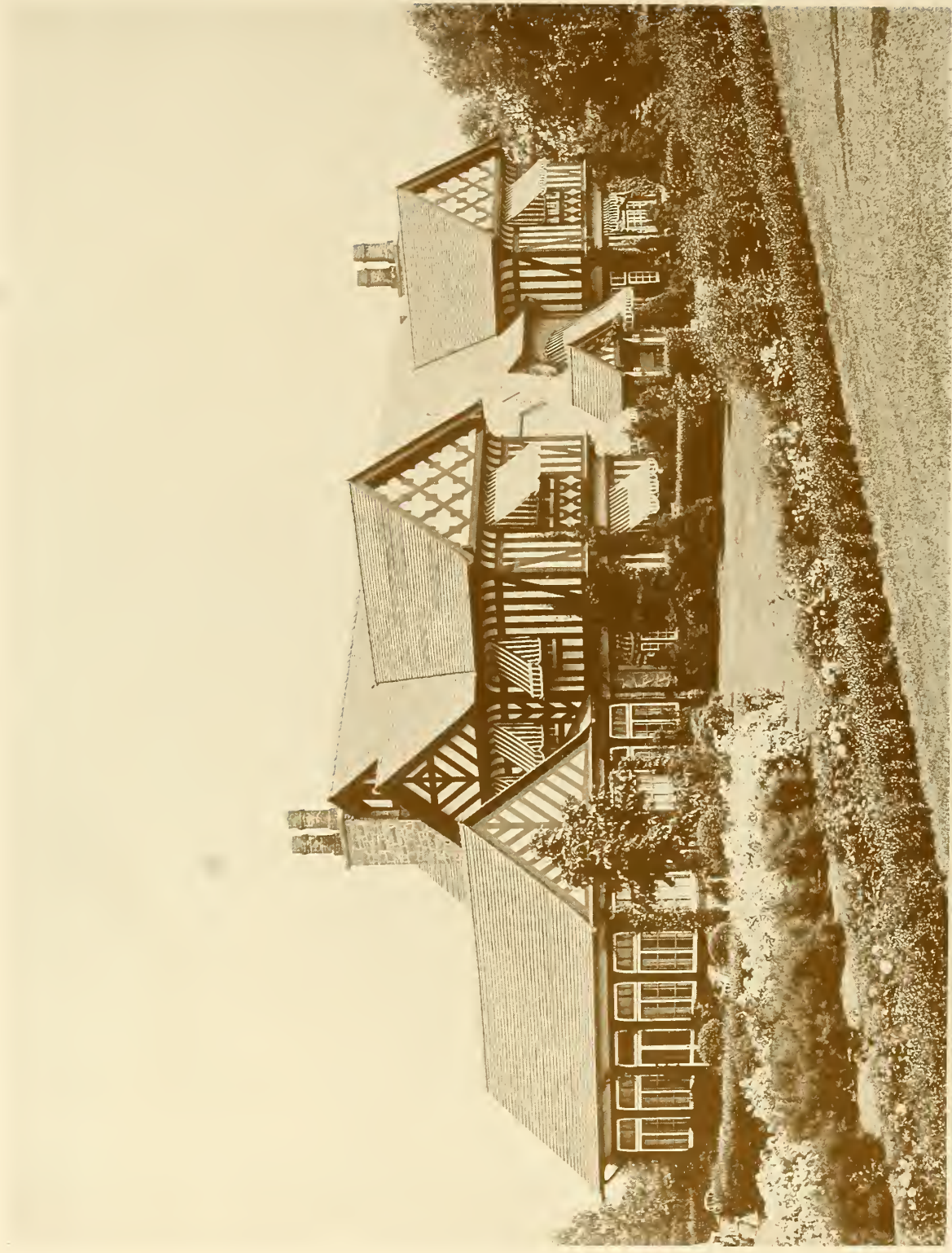
DUHRING, OKIE AND ZIEGLER, ARCHITECTS



View from Garden
HOUSE FOR W. T. HARRIS, ESQ., AT VILLA NOVA, PENNA.
DUHRING, OKIE AND ZIEGLER, ARCHITECTS



Living Porch
HOUSE FOR W. T. HARRIS, ESQ., AT VILLA NOVA, PENNA.
DURING, OKIE AND ZIEGLER, ARCHITECTS



HOUSE OF EDWARD CADWALLADER, ESQ.

Villa Nova, Pa.

BAILY AND BASSETT, ARCHITECTS



HOUSE OF MR. ROBERT T. MOORE
Haddonfield, N. J.
BAILY AND BASSETT, ARCHITECTS



HOUSE OF MR. HENRY H. COLLINS, JR.
Bryn Mawr, Pa.
BAILY AND BASSETT, ARCHITECTS



Terrace Pool
GARDEN OF CHARLES S. WALTON, ESQ.
St. Davids, Pa.
D. KNICKERBACKER BOYD, ARCHITECT



GARDEN OF F. WALLIS ARMSTRONG, ESQ.
Moorestown, N. J.

J. FLETCHER STREET, ARCHITECT



GARDEN OF JOSEPH L. WOOLSTON, ESQ.
Chestnut Hill, Philadelphia

J. FLETCHER STREET, ARCHITECT



GARDEN OF MICHAEL JENKINS, ESQ.
Baltimore County, Maryland
SEARS AND WENDELL, LANDSCAPE ARCHITECTS



GARDEN OF MICHAEL JENKINS, ESQ.
Baltimore County, Maryland
SEARS AND WENDELL, LANDSCAPE ARCHITECTS



GARDEN: REED HOUSE, NEW CASTLE, DEL.

PHOTOGRAPH BY PHILIP B. WALLACE



A Semi Detached House

FIRST PRIZE DESIGN BY H. BARTOL REGISTER



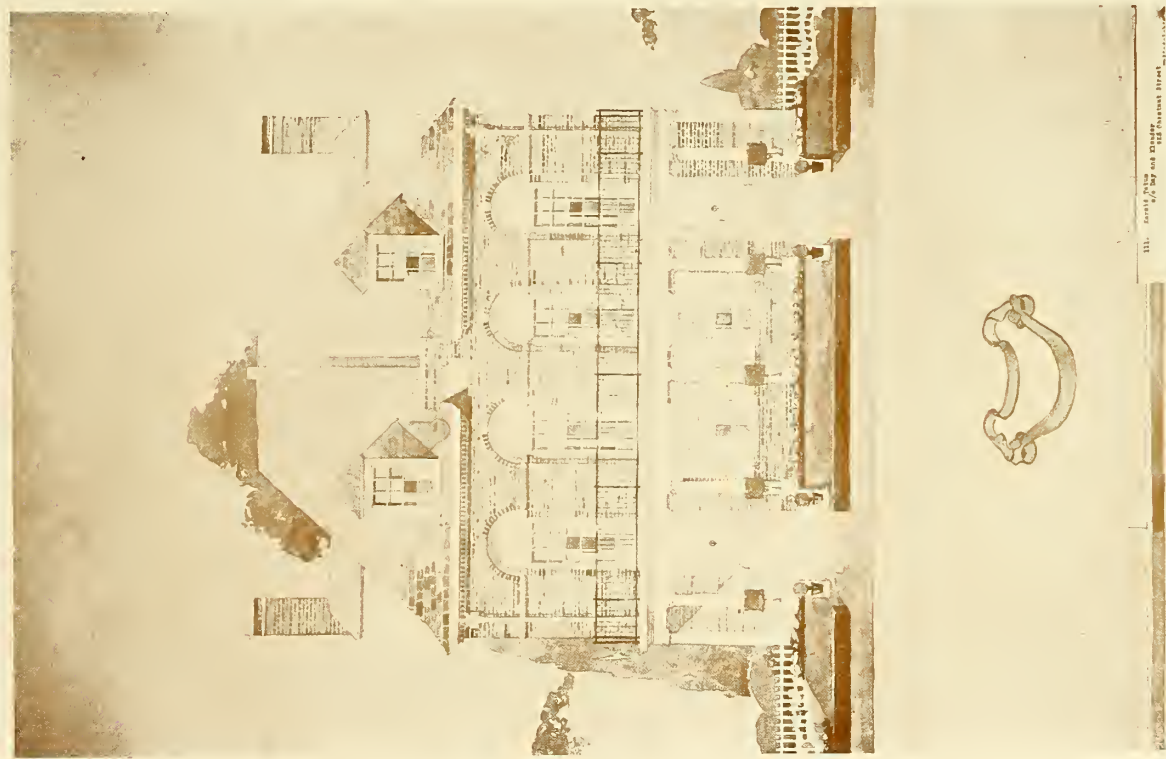
SECOND PRIZE DESIGN BY ANTONIO DI NARDO
COMPETITION FOR THE FAÇADE OF A SMALL CITY HOUSE



THIRD PRIZE DESIGN BY HELEN C. SOWDEN

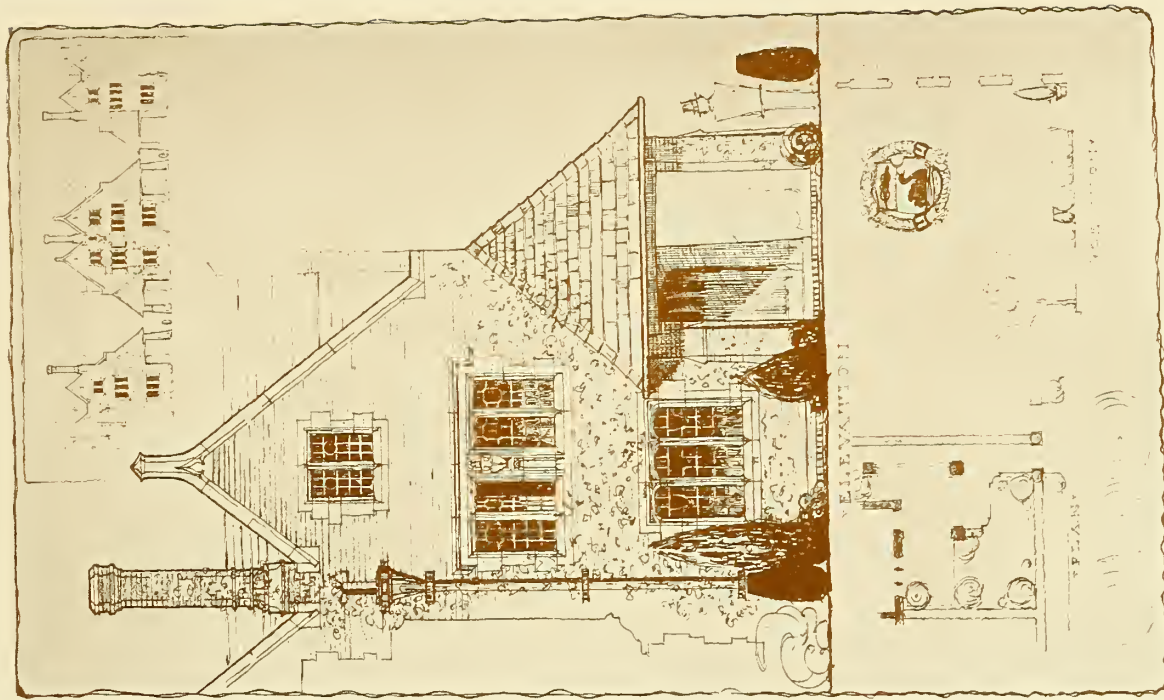


FOURTH PRIZE DESIGN BY W. POPE BARNEY
 COMPETITION FOR THE FAÇADE OF A SMALL CITY HOUSE



DESIGN SUBMITTED BY HAROLD TATUM

COMPETITION FOR THE FAÇADE OF A SMALL CITY HOUSE



DESIGN SUBMITTED BY A. C. HOWARD



LIBRARY MANTEL

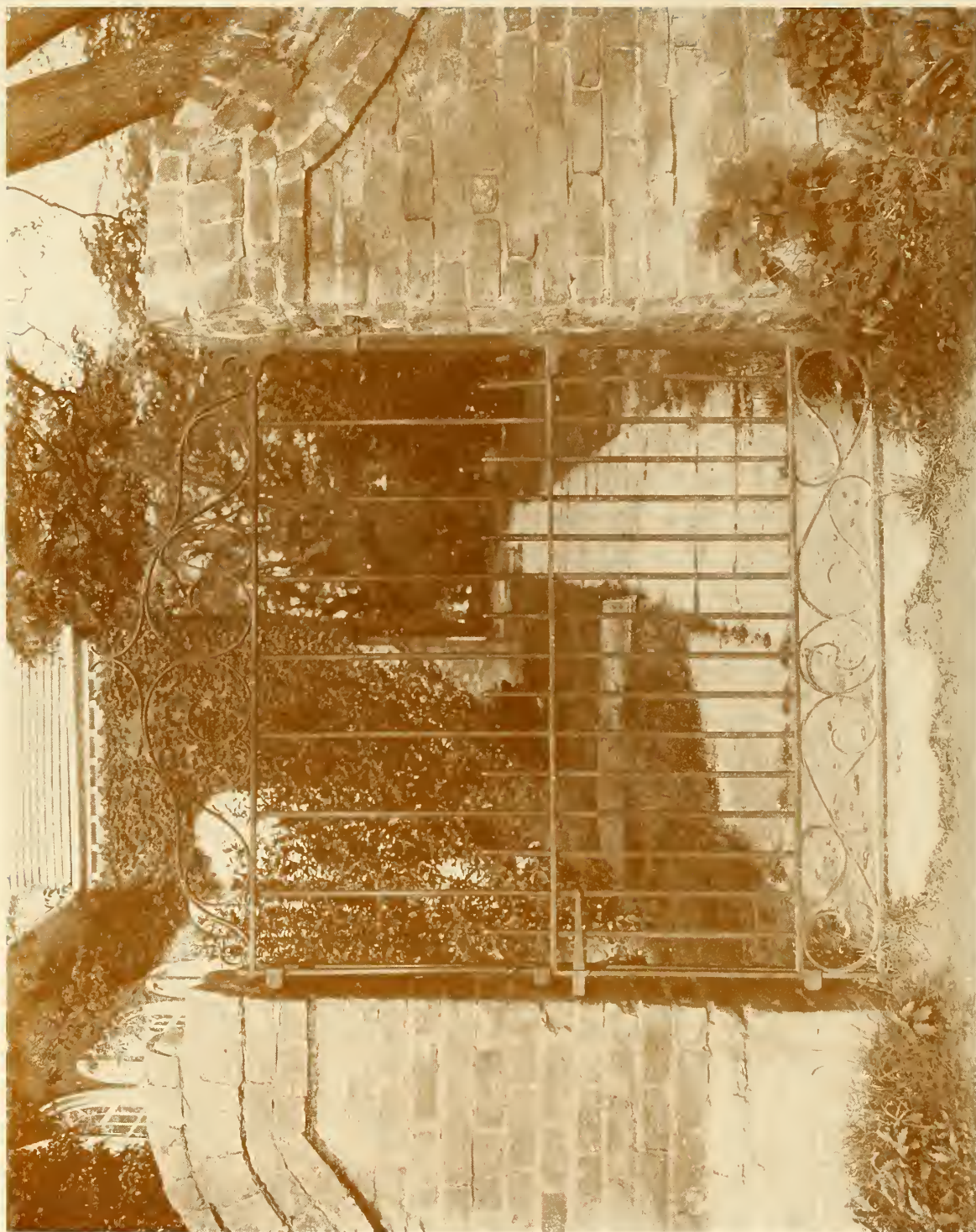
DESIGNED AND MODELED BY JOHN I. BRIGHT, ARCHITECT

SOME OLD COLONIAL IRONWORK

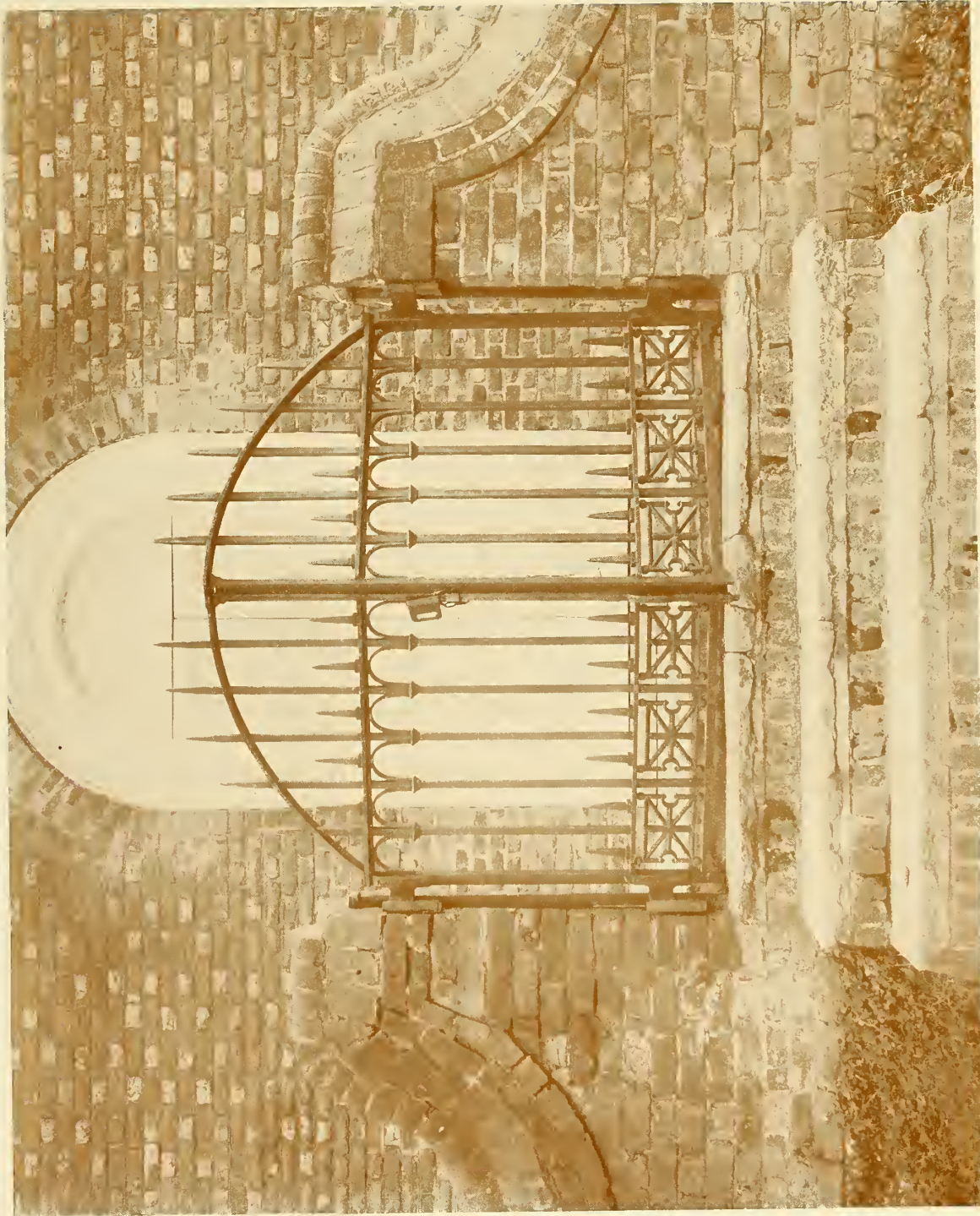
PHOTOGRAPHS BY PHILIP B. WALLACE



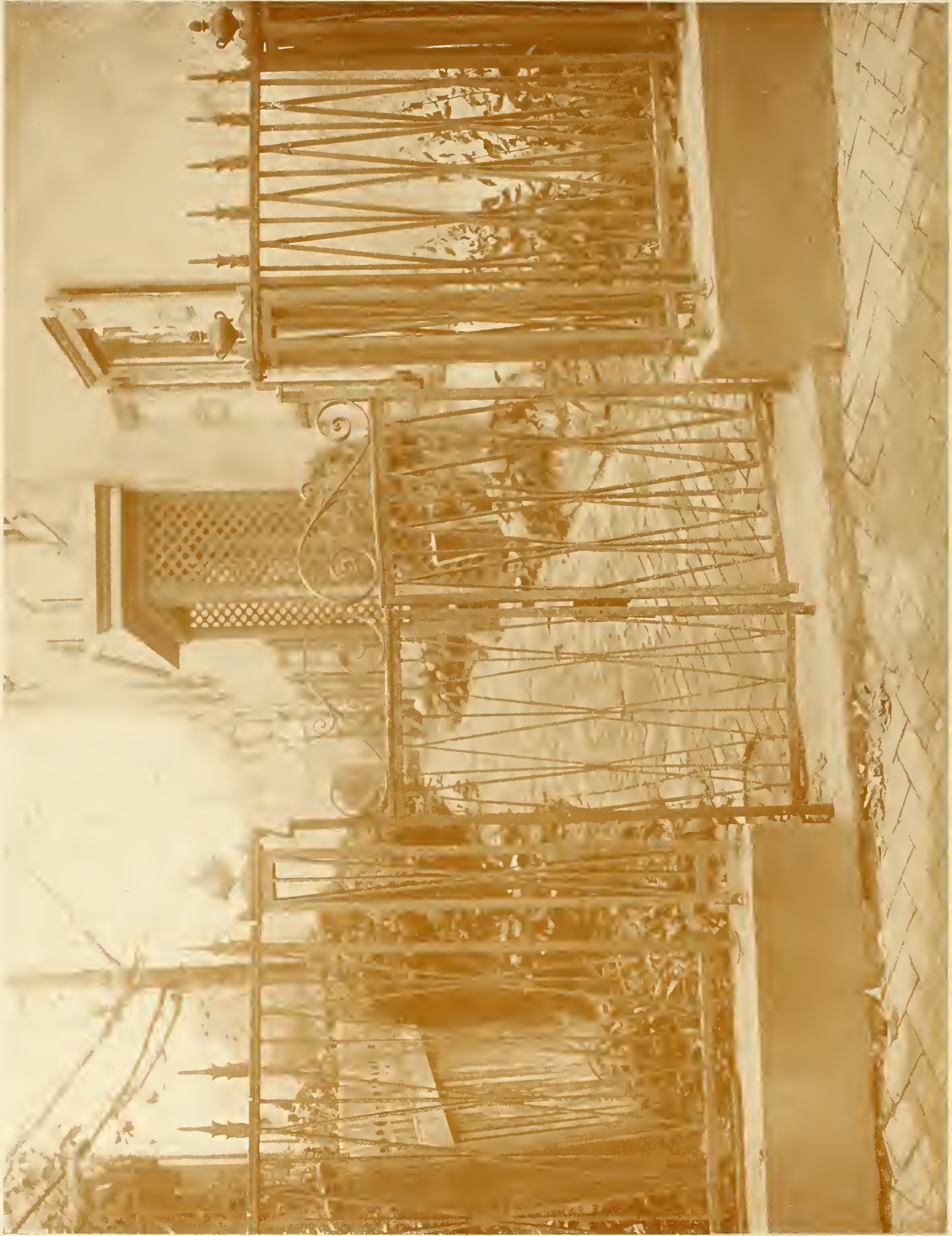
GATE, OLD CHRIST CHURCH
Philadelphia



GATE, BRUTON PARISH CHURCH
Williamsburg, Va.



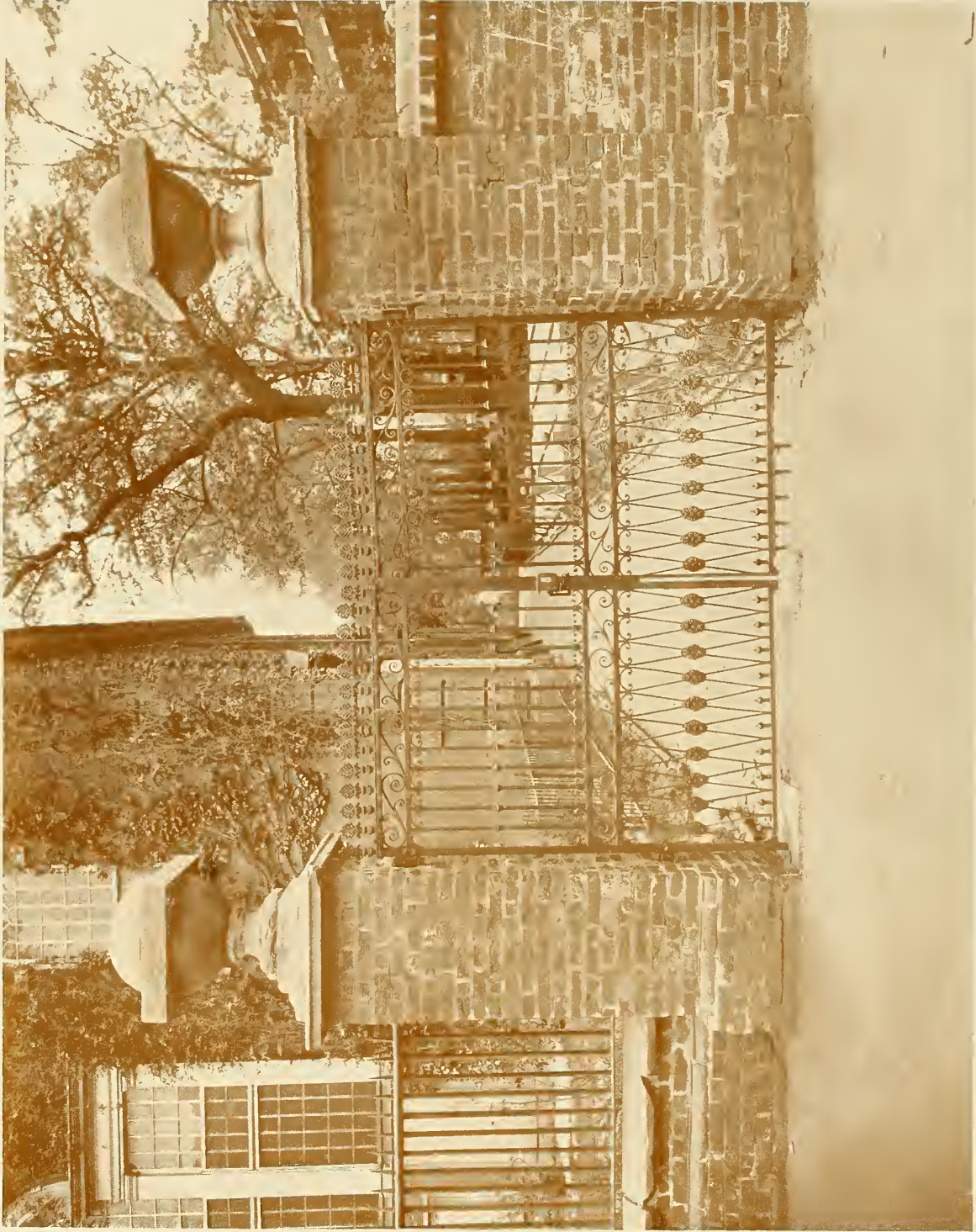
GATE, BRUTON PARISH CHURCH
Williamsburg, Va.



GATE, MAIN STREET, GERMANTOWN
Philadelphia



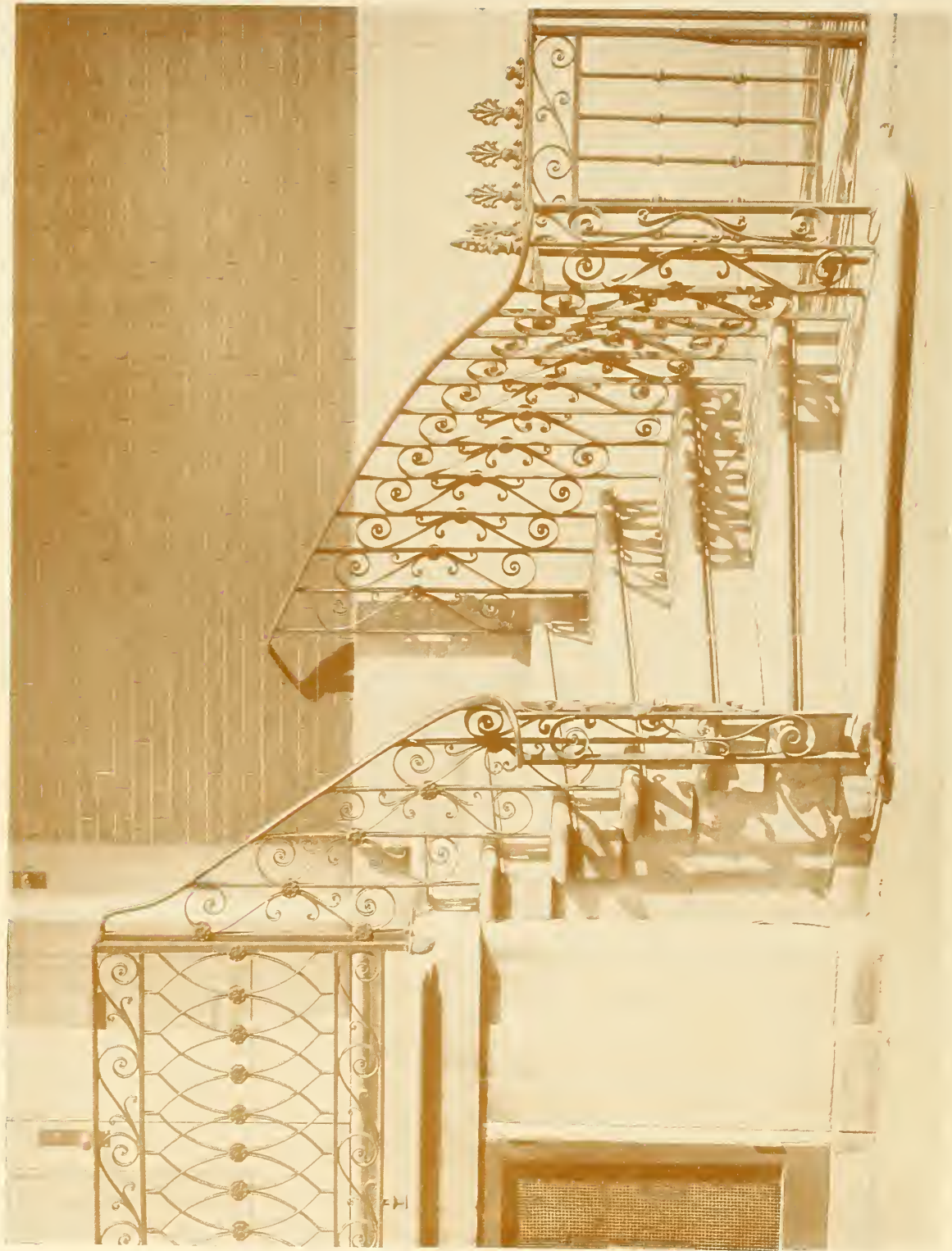
GATE, MENNONITE CHURCH, MAIN STREET
Germantown, Philadelphia



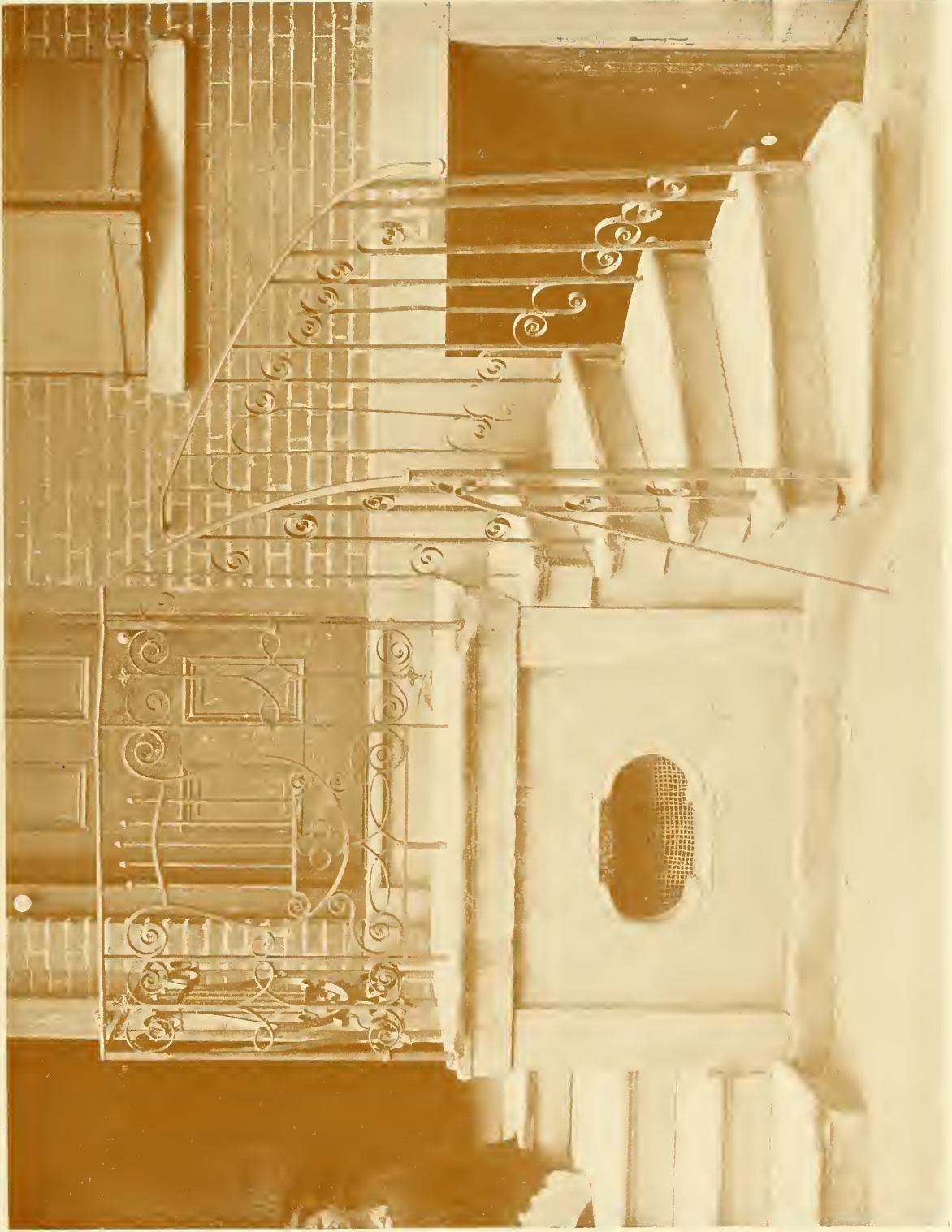
GATEWAY, ST. PETER'S CHURCH
Philadelphia



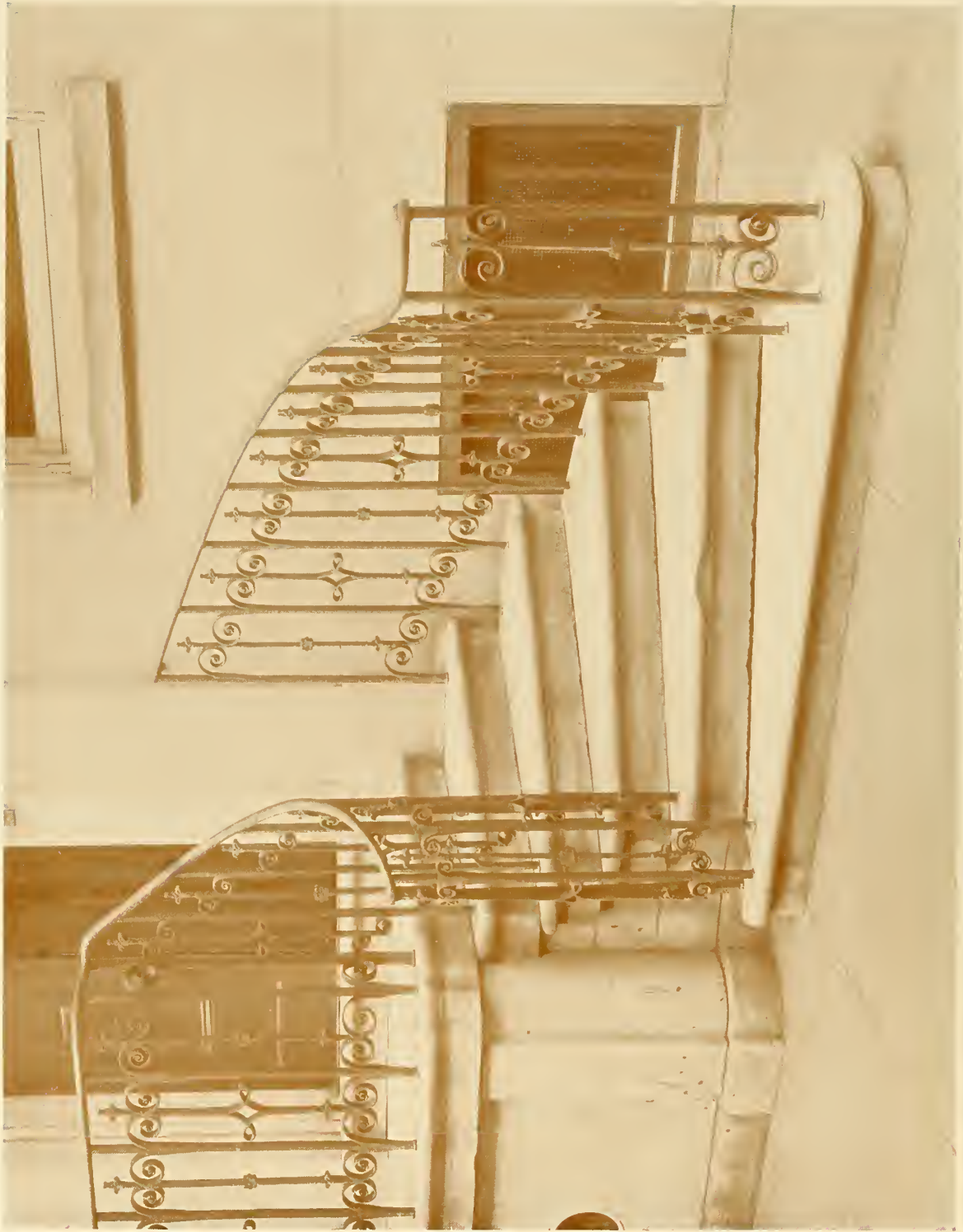
BALCONY, NORTH DELAWARE AVENUE
Philadelphia



BALUSTRADE, SOUTHEAST CORNER EIGHTH AND SPRUCE STREETS
Philadelphia



BALUSTRADE, NO. 215 SPRUCE STREET
Philadelphia



BALUSTRADE, NO. 715 SPRUCE STREET
Philadelphia



BALUSTRADE, SOUTH AMERICAN STREET
Philadelphia



BALUSTRADE, NO. 512 SOUTH NINTH STREET
Philadelphia



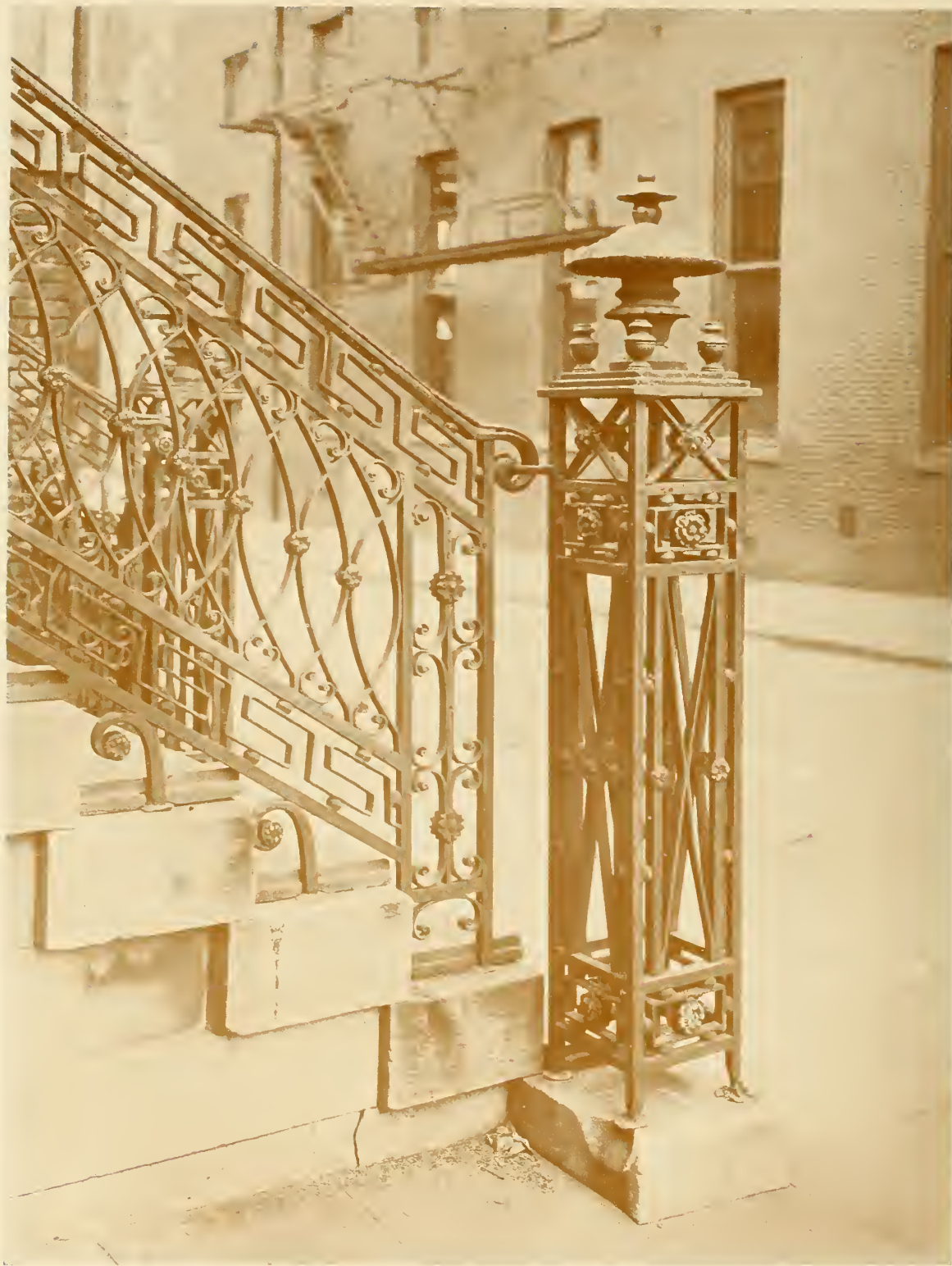
BALUSTRADE, SOUTH THIRD STREET
Philadelphia



BALUSTRADE, NO. 711 LOCUST STREET
Philadelphia



BALUSTRADE, SECOND AND LAGRANGE STREETS
Philadelphia



BALUSTRADE, FOURTH AND LIBRARY STREETS
Philadelphia



BALUSTRADE, NO. 628 SOUTH WASHINGTON SQUARE
Philadelphia



NO. 700 SOUTH WASHINGTON SQUARE
Philadelphia



GATE, FIRST PRESBYTERIAN CHURCH
Philadelphia



DOVE-COTE IN A GARDEN

Glen Riddle, Pa.

DUHRING AND HOWE, LANDSCAPE ARCHITECTS

T SQUARE CLUB

204-206 S. MARVINE STREET, PHILADELPHIA

ORGANIZED 1883

INCORPORATED 1897

OFFICERS, 1914-15

President

JOHN F. HARBESON

Vice-President

H. L. DUHRING, JR.

Secretary

FREDERICK A. MUHLENBERG

Treasurer

WALTER MELLOR

Directors

CLARENCE C. ZANTZINGER

JOHN MOLITOR

JOHN GRAHAM, JR.

STANDING COMMITTEES

House Committee—

WM. F. B. KOELLE (*Chairman*)
JOHN GRAHAM, JR.
H. P. FOSTER
T. F. DILLON
S. A. LOVE, JR.

Committee on New Membership—

H. B. REGISTER (*Chairman*)
S. E. MARTIN
J. P. SIMS
D. M. KIRKPATRICK
J. V. PHELAN

Grub Club Committee—

E. N. EDWARDS (*Chairman*)
G. EDWIN BRUMBAUGH
JOHN GRAHAM, JR.

Committee on New Club House—

C. C. ZANTZINGER (*Chairman*)
A. H. GRANGER
A. KELSEY
ADIN B. LACEY
M. B. MEDARY, JR.

Committee on Education—

C. C. ZANTZINGER (*Chairman*)
PAUL P. CRET
NICOLA D'ASCENZO
ARTHUR I. MEIGS
WALTER H. THOMAS
W. J. H. HOUGH

Exhibition Committee—

H. L. DUHRING, JR. (*Chairman*)
C. H. NORTH
GEORGE MORGAN
ALFRED H. MEGRAIL
WM. H. THOMPSON

Committee on Finance—

H. H. BURRELL (*Chairman*)
C. L. BORIE, JR.
J. FLETCHER STREET
F. W. HASTINGS

Cope Prize Committee—

GEORGE HOWE (*Chairman*)
EMLYN L. STEWARDSON
LESLIE W. MILLER

Library Committee—

F. W. HASTINGS (*Chairman*)
JOHN MOLITOR
W. P. BARNEY
E. B. BAKER

Representative to Exhibition Board—

E. P. BISSELL

Entertainment Committee—

E. L. DALES (*Chairman*)
E. B. DELK
W. B. RABENOLD
F. W. HAUPTLE

Catalogue Sales Committee—

H. L. DUHRING, JR.

Publicity Committee—

W. W. KEEFER (*Chairman*)
F. W. HASTINGS
FREDERICK A. MUHLENBERG

MEMBERS

HONORARY

BAUGH, DANIEL, 16th and Locust Streets.
BURNS, CHARLES, 247 South 13th Street.
CRANDLER, THEOPHILUS P., 328 Chestnut Street.
COATES, EDWARD H., 2024 Spruce Street.
ELY, THEODORE N., Bryn Mawr, Pa.
HARRISON, CHARLES C., 400 Chestnut Street.
HEWITT, GEORGE, Bullitt Building.

LEWIS, JOHN F., Pennsylvania Academy of Fine Arts.
MILLER, LESLIE W., School of Industrial Art, Broad and Pine Streets.
TRASK, JOHN E. D., Dept. of Fine Arts, Panama-Pacific International Exposition, San Francisco, Cal.
WINDRIM, JAMES H., Commonwealth Building.

LIFE

DULL, JOHN J., 1007 Witherspoon Building.
EYRE, WILSON, 1003 Spruce Street.
JAMESON, JAMES P., 800 Security Building, St. Louis, Mo.

MOSES, ARNOLD H., 136 South 4th Street.
SMEDLEY, WALTER, 904 Stephen Girard Building.
TRUSCOTT, ARTHUR, Drexel Institute.

ACTIVE

ABELE, JULIAN F., 718 South 21st Street.
ALLEN, J. H. DULLES, Enfield P. O., Pa.
ANDREWS, MILES L., 925 Chestnut Street.
ARNAL, LEON EUGENE, 501 South 41st Street.
ASH, THOS. E., 1238 Spring Garden Street.
BAILY, WILLIAM L., 421 Chestnut Street.
BAKER, EUGENE BERKLEY, 3718 Locust Street.
BARBER, JOHN B., 220 Chancellor Street.
BARNEY, WILLIAM POPE, 3713 Locust Street.
BASSETT, GEORGE C., 421 Chestnut Street.
BAUER, CHARLES H., 320 Walnut Street.
BAUM, GEORGE CROLL, 1828 Wallace Street.
BAXTER, WALLACE, 1713 Sansom Street.
BENCKER, GEORGE B., 1529 Walnut Street.
BISSELL, E. P., 805 Bailey Building.
BLITHE, WESLEY LESHNER, 101 North 35th Street.
BODINE, FRANK LEE, 321 East Lancaster Avenue, Wayne, Pa.
BOGIA, CLARENCE M., 5833 Washington Avenue.
BOLTON, CHARLES L., 1007 Witherspoon Building.
BORIE, CHARLES L., JR., 139 South 15th Street.
BOYD, D. K., 139 South 15th Street.
BOYD, LAWRENCE V., 1215 Harrison Building.
BRIGHT, JOHN IRWIN, 1701 Chestnut Street.
BROCKIE, ARTHUR H., 1713 Sansom Street.
BROESE, HARRY, 2014 Bellevue Street.
BRUMBAUGH, G. EDWIN, 29 East Stratford Avenue, Lansdowne, Pa.
BURRELL, HORACE H., 402 East Gowen Avenue.
CAMPBELL, WILLIAM M., 413 School House Lane.
CAMPION, HORACE T., 1420 Chestnut Street.
CARROLL, JOHN J., 330 North 41st Street.
CHILLMAN, JAMES H., JR., 127 West Logan Street.
CLARK, LAWRENCE, 1021 Witherspoon Building.
CLEVINGER, ELLSWORTH HAINES, 1628 Market Street.
COOK, J. HORACE, Land Title Building.
COPE, JOHN S., Awbury.
COPE, J. WALTER, 1708 North 27th Street.
CORNELIUS, JOHN C., JR., 139 South 15th Street.
COSCIA, HENRY, 1440 South Hicks Street.
CRANE, E. A., 1012 Walnut Street.
CRAWFORD, A. W., Stephen Girard Building.
CRET, PAUL P., 516 Woodland Terrace.
CUSTER, HORACE B., 1333 North 53d Street.

DALES, E. LEWIS, 1707 Green Street.
DAGIT, FREDERICK D., 1523 Euclid Avenue.
DAGIT, HENRY D., 2d, 4527 Pine Street.
D'ASCENZO, NICOLA, 1608 Ludlow Street.
DAWSON, GEORGE W., University of Pennsylvania Dormitories.
DAY, FRANK MILES, 925 Chestnut Street.
DELK, EDWARD BUEHLER, 630 North Broad Street.
DICKHUT, ROGER, 6029 Jefferson Street.
DILLON, THEODORE F., 903 South 49th Street.
DOBBINS, ALBERT N., 1212 Wagner Avenue.
DUHRING, HERMAN L., JR., Bailey Building.
DUNLAP, M. EDMUNDS, 521 East Walnut Lane.
DUNN, W. ALLEN, 4025 Locust Street.
EARLEY, THOS. J., 5617 Arch Street.
EDWARDS, E. N., 805 Bailey Building.
FISH, FRANK R., JR., 2809 North 9th Street.
FOSTER, H. P., 317 Cricket Avenue, Ardmore, Pa.
FRANCIS, ISAAC H., JR., 1508 Commonwealth Building.
FRID, VICTOR A., 5933 Spruce Street.
FULLER, FRED A., 3431 Walnut Street.
GALLOWAY, WALTER B., 3817 Walnut Street.
GARDINER, FREDERICK R., 411 Harrison Building.
GETZ, PETER F., 2249 North 4th Street.
GLENN, GERALD STARKEY, "Bonniebrae," Bryn Athyn, Pa.
GRAHAM, JOHN, JR., 925 Chestnut Street.
GRANGER, ALFRED HOYT, 671 Bullitt Building.
GRAVER, W. HENRY, 1420 Chestnut Street.
GREEN, ALFRED, 1217 West Cambria Street.
GREISLER, F. N., Lafayette Building.
GROBEN, WM. E., 1021 Witherspoon Building.
GUENTHER, FREDERICK, 3306 North Broad Street.
HALL, GEORGE WILLIS, Room 905, 1218 Chestnut Street.
HARBESON, JOHN F., 132 West Walnut Lane.
HARRIS, JAS. R., JR., Art Club.
HARRIS, BENJ. M., JR., 619 North 55th Street.
HASTINGS, FREDERICK W., Devon, Pa.
HASTINGS, T. MITCHELL, 1713 Sansom Street.
HAUPTLE, FRED W., 2322 North 20th Street.
HEWITT, WM. D., Bullitt Building.
HICKMAN, LOUIS C., 328 Chestnut Street.
HINDERMEYER, GILBERT L., 168 Mayland Street.

MEMBERS—Continued

- HOWE, GEORGE, 1001 Provident Building.
 HUNT, DAVID M., 2014 Green Street.
 IDELL, GEORGE S., 1117 Harrison Building.
 JOHNSON, VIRGIL L., 2215 Land Title Building.
 KANE, JOHN B., 5018 Jackson Street.
 KASSMAN, WILLIAM E., 1235 N. Sartain Street.
 KEEFER, WM. WESLEY, 2d. Y. M. C. A. Building.
 KEEN, CHARLES BARTON, 1008 Bailey Building.
 KEAST, W. R. M., Commonwealth Building.
 KELLOGG, THOMAS M., 1012 Walnut Street.
 KELSEY, ALBERT, Petty Building.
 KENNEDY, JAMES N., 611 Chestnut Street.
 KETTERER, GUSTAV, 1608 Walnut Street.
 KEYSER, CHARLES E., 3025 North 10th Street.
 KIRKPATRICK, DONALD M., 1001 Chestnut Street.
 KLAUDER, CHARLES Z., 925 Chestnut Street.
 KLEINFELDER, HERMAN K., 1001 Provident Building.
 KLINGES, J. PETER, JR., 1012 Walnut Street.
 KOELLE, WM. F. B., 435 West Brighthurst Street.
 KOYL, GEORGE S., care of American Academy in Rome, Rome, Italy.
 LACEY, ADIN B., 1012 Walnut Street.
 LAIRD, WARREN P., University of Pennsylvania.
 LASCHENSKI, SIGMUND J., 3157 Aramingo Avenue.
 LOVE, S. ARTHUR, JR., 3745 Walnut Street.
 LOVELACE, CURTIS M., 3718 Locust Street.
 MACKENZIE, LEWIS P., 5750 Pine Street.
 McGRATH, HENRY A., 6103 Thompson Street.
 McMURTRIE, HARRY G., 1012 Walnut Street.
 MAENE, JOHN, 324 South Hicks Street.
 MAGAZINER, LOUIS, 603 Chestnut Street.
 MARTIN, SYDNEY E., 1001 Chestnut Street.
 MEDARY, MILTON B., JR., 139 South 15th Street.
 MEGRAIL, ALFRED H., 828 Stephen Girard Building.
 MEIGS, ARTHUR I., 205 South Juniper Street.
 MELLOR, WALTER, 205 South Juniper Street.
 MILLS, COLEMAN S., 613 Harrison Building.
 MITCHELL, CHARLES J., 5544 Chancellor Street.
 MOLITOR, JOHN, 130 South 15th Street.
 MORGAN, J. GEORGE, 139 South 15th Street.
 MORRELL, FREDERICK, N. E. cor. 15th and Locust Streets.
 MORRIS, GEORGE SPENCER, Crozier Building.
 MOVIERE, JOHN H., 3110 Columbia Avenue.
 MUEHLENBERG, FREDERICK A., 1501 Commonwealth Building.
 NEELY, RICHARD ROSS, 201 South 12th Street.
 NEUBAUER, STANLEY K., 2430 North Broad Street.
 NOLAN, THOMAS, Dept. of Architecture, University of Pennsylvania.
 NORTH, CHARLES H., Glenolden, Delaware Co., Pa.
 OLSON, BENJAMIN F., 230 South 38th Street.
 PAGE, GEORGE B., 316 Walnut Street.
 PARRY, J. CHARLES, 1128 Walnut Street.
 PARRY, OLIVER R., 1723 Chestnut Street.
 PEARCE, HOLLINGSWORTH, 4323 Larchwood Avenue.
 PETERSON, HORACE B., 34 South 17th Street.
 PETERSON, R. G., 5539 Spruce Street.
 PHELAN, JOSEPH V., 1211 Arch Street.
 PLATT, RUDOLPH, 5857 Belmar Terrace.
 POTTER, WM. WOODBURN, 603 Chestnut Street.
 POWERS, EUGENE S., 316 Walnut Street.
 PRINGLE, ERNEST E., 1129 Walnut Street.
 RABENOLD, CHARLES F., 1103 Pennsylvania Building.
 RABENOLD, WILMER B., 54 Rodney House Dormitories, University of Pennsylvania.
 RACH, HARRY, 1700 South 12th Street.
 RANKIN, JOHN HALL, 1012 Walnut Street.
 REGISTER, HENRY B., Haverford, Pa.
 REHFUSS, GEORGE U., Weightman Building.
 REINHOLD, HENRY L., JR., 10th and Sansom Streets.
 RITTENHOUSE, WALTER F., 1211 Arch Street.
 ROBERTS, SPENCER, Weightman Building.
 ROBINSON, REAH DEBOURG, Easton, Md.
 ROTHKUGEL, GABRIEL B., 3765 North Bouvier Street.
 RUSH, LOUIS H., 130 South 15th Street.
 RYDER, WM. J., 22 North Frazier Street.
 SAUER, ANDREW J., 1112 Chestnut Street.
 SAVERY, ADDISON H., 1326 Stephen Girard Building.
 SCHERR, LOUIS V., 5534 North Lawrence Street, Olney, Philadelphia.
 SCHENCK, ALBERT F., 500 North 34th Street.
 SCHWEBEL, EDWARD J., 1349 Princess Avenue.
 SEEBURGER, FRANK, 911 Pennsylvania Building.
 SEELER, EDGAR V., 1710 Real Estate Trust Building.
 SELLERS, HORACE WELLS, 1301 Stephen Girard Building.
 SHAY, HOWELL LEWIS, 1406 Land Title Building.
 SHULER, CLYDE T., 1604 Pine Street.
 SIMS, JOS. PATTERSON, Graver's Lane.
 SINKLER, JOHN P. B., 805 Bailey Building.
 STACKHOUSE, H. REX, Drexel Building.
 STANTON, WM. M., Dept. of Architecture, University of Pennsylvania.
 STANTON, WM. C., 4622 Cedar Avenue.
 STAUFFER, EDWIN S., 925 Clinton Street.
 STEINMETZ, H. E., 2242 Land Title Building.
 STEVENSON, COLLIER, 538 East Righter Avenue.
 STEWARDSON, EMILYN L., 320 Walnut Street.
 STOCKHOLM, F. E., JR., 3613 Locust Street.
 STREET, J. FLETCHER, Drexel Building.
 TALLERY, CHARLES M., 2536 North 31st Street.
 TAYLOR, ELLERY K., 131 Westmont Street, Haddonfield, N. J.
 THOMAS, J. D., 1501 Commonwealth Building.
 THOMAS, WALTER H., 130 South 15th Street.
 THOMPSON, WM. H., 925 Clinton Street.
 TILDEN, MARMADUKE, JR., 805 Bailey Building.
 TIBIAS, HERMANN B., 814 North 63d Street.
 TODD, ROBERT C., 4331 Baltimore Avenue.
 TOURISON, BART, 222 East Mt. Pleasant Avenue.
 TOWNSEND, HARRISON, JR., 4103 Baltimore Avenue.
 TROUT, WETHERILL P., 328 Chestnut Street.
 TRUMBauer, HORACE, 1408 Land Title Building.
 TUSIER, WILBUR H., 3731 Locust Street.
 WAGER-SMITH, E., 1613 Sansom Street.
 WALDNER, FRANK, 2242 Land Title Building.
 WAPLES, HENRY H., 1722 North 15th Street.
 WARD, ALFRED LEWIS, Stephen Girard Building.
 WARD, HENRY B., 628 Witherspoon Building.
 WARNER, FRED G., Narberth, Pa.
 WENKENBACH, CHRISTIAN L., 1705 North 60th Street.
 WETHERILL, HERBERT J., Brown Bros. Building.
 WIGHAM, EDWARD H., 3039 North 10th Street.
 WIGHTMAN, EDGAR A., 1513 Walnut Street.
 WILLING, CHARLES, 1001 Provident Building.
 WINDRIM, JOHN T., 1501 Commonwealth Building.
 WOOD, HENRY D., 324 Earlham Terrace.
 YARDLEY, E. H., Bala, Pa.
 YEO, EDWIN A., 1301 Stephen Girard Building.
 YOCUM, STANLEY, 5517 Morris Street.
 YOUNG, WILLIAM A., 427 Post Office Building.
 ZANTZINGER, C. C., 139 South 15th Street.
 ZEIGLER, CARL A., 705 Bailey Building.

NON-RESIDENT MEMBERS

- ANDERSON, HELGE, 2857 Shakespeare St., Chicago, Ill.
BASTOW, ABRAM, Architects Building, New York City.
CAMPBELL, J. SHIRAS, 103 Park Avenue, New York City.
COPE, C. EDGAR, care of Proudfoot, Bird & Rawson,
625 Flynn Building, Des Moines, Iowa.
DEGARMO, WALTER C., Miami, Fla.
FARLEY, FRANCIS S., 5762 DeGiverville Avenue, St.
Louis, Mo.
FENHAGEN, GEORGE C., Asst. Government Architect,
Bureau of Public Works, Manilla, P. I.
FENTON, WARDEN H., 12 East 38th Street, New York
City.
GUILBERT, PAUL A., 120 West 42d Street, New York
City.
HAUER, HARVEY T., 5th and Cumberland Streets,
Lebanon, Pa.
HAWLEY, E. H., 1321 Otis Place, Washington, D. C.
HAYS, WILLIAM CHARLES, 681 Post Street, San Fran-
cisco, Cal.
HILL, HARRY A., 40 East State Street, Trenton, N. J.
HOUGH, W. J. H., care of American Academy in Rome,
Rome, Italy.
LLOYD, CHARLES HOWARD, 216 Market Street, Harf's-
burg, Pa.
MAURER, HARRY, Baker Building, Reading, Pa.
MILLARD, JULIAN, Altoona, Pa.
PILCHER, LOUIS F., 109 Lexington Avenue, New York
City.
SHUCHARDT, WM. H., 824 Jefferson Street, Milwaukee,
Wis.
STERNFELD, HARVEY, 925 5th Street, N. E., Wash-
ington, D. C.
SWALES, FRANCIS S., 12 Beaver Hall Square, Montreal,
Canada.
SWEENEY, JAMES, 23 Hill Street, Newark, N. J.
TAYLOR, J. HOWARD, 12 Beaver Hall Square, Montreal,
Canada.
TEMPLE, THOS. B., 25 Madison Square, New York
City.
THOMPSON, JOHN D., JR., 608 Ford Building, Wil-
mington, Del.
URBAN, C. ENLES, 212 East King Street, Lancaster, Pa.
WATMOUGH, RICHARD L., 350 West 23d Street, New
York City.
WEAVER, RUDOLPH, Box 271, Pullman, Wash.
WHITESIDE, G. MORRIS, Dupont Building, Wilming-
ton Del.

PHILADELPHIA CHAPTER
OF THE
AMERICAN INSTITUTE OF ARCHITECTS

OFFICERS, 1914-15

MILTON B. MEDARY, JR., *President*
139 South 15th Street, Philadelphia

JOHN P. B. SINKLER, *First Vice-President*
806 Bailey Building, Philadelphia

ARTHUR H. BROCKIE, *Second Vice-President*
1713 Sansom Street, Philadelphia

HORACE WELLS SELLERS, *Secretary*
1301 Stephen Girard Building, Philadelphia

ARTHUR I. MEIGS, *Recorder*
205 South Juniper Street, Philadelphia

GEORGE I. LOVATT, *Treasurer*
416 Walnut Street, Philadelphia

Executive Committee

ARTHUR H. BROCKIE
CHARLES Z. KLAUDER
GEORGE I. LOVATT

MILTON B. MEDARY, JR.
ARTHUR I. MEIGS
JOHN HALL RANKIN

HORACE WELLS SELLERS
JOHN P. B. SINKLER
WALTER H. THOMAS

STANDING COMMITTEES FOR 1915

Committee on Admissions—

E. PEROT BISSELL (*Chairman*)
JOHN FREDERICK HARBESON
THOMAS M. KELLOGG
CHARLES Z. KLAUDER
WALTER H. THOMAS

Committee on Preservation of Historic Monuments—

CARL A. ZIEGLER (*Chairman*)
FRANK MILES DAY
THOMAS M. KELLOGG
GEORGE C. MASON
HORACE WELLS SELLERS
EMLYN L. STEWARDSON

Committee on Municipal Improvement—

JOHN HALL RANKIN (*Chairman*)
PAUL P. CRET
ARTHUR I. MEIGS
HORACE WELLS SELLERS

Committee on Competitions—

MILTON B. MEDARY, JR. (*Chairman*)
ARTHUR H. BROCKIE
FRANK MILES DAY
EDWIN H. FETTEROLF
JOHN HALL RANKIN

Committee on Biography and History—

CHARLES Z. KLAUDER (*Chairman*)
ALLEN EVANS
WILLIAM D. HEWITT
GEORGE C. MASON
ARTHUR I. MEIGS

Committee on Public Information—

HORACE WELLS SELLERS (*Chairman*)
EDWARD A. CRANE
GEORGE I. LOVATT
JOHN P. B. SINKLER

STANDING COMMITTEES—Continued

Committee on Education and Programme—

D. KNICKERBACKER BOYD (*Chairman*)
 GEORGE H. BICKLEY
 EDWIN H. FETTEROLF
 CLARENCE C. ZANTZINGER

Committee on Entertainment and Meetings—

LAWRENCE V. BOYD (*Chairman*)
 JOHN F. HARBESON
 ALBERT KELSEY
 LOUIS E. MARIE

Chapter Jury—

GEORGE H. BICKLEY
 EDWARD A. CRANE
 PAUL P. CRET
 FRANK MILES DAY
 GEORGE HOWE
 CHARLES Z. KLAUDER
 ROBERT R. MCGOODWIN
 JOHN HALL RANKIN
 EDGAR V. SEELER
 HORACE WELLS SELLERS
 JOHN P. B. SINKLER
 CLARENCE C. ZANTZINGER

Delegates to the State Board—

MILTON B. MEDARY, JR., *Ex-Officio*
 HORACE WELLS SELLERS, *Ex-Officio*
 WM. L. BAILY
 EDMUND C. EVANS
 THOMAS NOLAN
 WM. L. PLACK
 JOHN HALL RANKIN
 ALBERT KELSEY
 JOHN T. WINDRIM

MEMBERS

FELLOWS AMERICAN INSTITUTE OF ARCHITECTS

BOYD, DAVID KNICKERBACKER, 139 South 15th Street. CHANDLER, T. P., 328 Chestnut Street. CRANE, EDWARD A., 1012 Walnut Street. CRET, PAUL P., 516 Woodland Terrace. DAY, FRANK MILES, 925 Chestnut Street. EYRE, JR., WILSON, 1003 Spruce Street. HEWITT, WILLIAM D., 671 Bullitt Building. HUCKEL, SAMUEL, JR., 1211 Walnut Street. KELLOGG, THOMAS M., 1012 Walnut Street. KELSEY, ALBERT, 1530 Chestnut Street. KLAUDER, CHARLES Z., 925 Chestnut Street.	MASON, GEORGE C., 412 Perry Building. MEDARY, MILTON B., JR., 139 South 15th Street. NOLAN, THOMAS, 212 DeKalb Square. PLACK, WILLIAM L., 1208 Chestnut Street. PRICHETT, WILLIAM C., 416 Walnut Street. RANKIN, JOHN HALL, 1012 Walnut Street. SEELER, EDGAR V., 101 South Juniper Street. SELLERS, HORACE WELLS, 1301 Stephen Girard Building. WINDRIM, JAMES H., 1501 Commonwealth Building. ZANTZINGER, CLARENCE C., 139 South 15th Street.
---	--

MEMBERS AMERICAN INSTITUTE OF ARCHITECTS

BAILY, WILLIAM L., 421 Chestnut Street. BALDERSTON, CHARLES, 411 Walnut Street. BASSETT, GEORGE G., 421 Chestnut Street. BISSELL, E. PEROT, 806 Bailey Building. BLITHE, WESLEY L., 608 Chestnut Street. BOGGS, EDWARD T., 136 South 4th Street. BORIE, CHAS. L., JR., 139 South 15th Street. BOYD, LAWRENCE VISSCHER, 1215 Harrison Building. BROCKIE, ARTHUR H., 1713 Sansom Street. BUNTING, MORGAN, 603 Chestnut Street. CASTOR, HORACE W., 1107 Stephen Girard Building. CHURCHMAN, C. WHARTON, 130 South 15th Street. CONEYS, JOHN L., 1011 Harrison Building.	DUHRING, HERMAN L., 705 Bailey Building. EVANS, ALLEN, Provident Building. EVANS, EDMUND C., Witherspoon Building. GARDNER, CLARENCE, 925 Chestnut Street. GRANGER, ALFRED HOYT, 671 Bullitt Building. HARRIS, JOHN McARTHUR, 1061 Drexel Building. HARRIS, J. RUSSELL, 130 South 15th Street. HASTINGS, T. MITCHELL, 1713 Sansom Street. HEACOCK, J. LINDEN, 1218 Chestnut Street. HENDRICKSON, E. B., 925 Chestnut Street. HILLMAN, C. L., 807 Provident Building. HOKANSON, OSCAR M., 1218 Chestnut Street. JOHNSON, LINDLEY, 1113 Harrison Building.
--	--

MEMBERS—Continued

- KING, GUY, 1513 Walnut Street.
LAIRD, WARREN P., University of Pennsylvania.
LEVI, LOUIS, Real Estate Trust Building.
LOVATT, GEORGE I., 416 Walnut Street.
MEIGS, ARTHUR INGERSOLL, 205 South Juniper Street.
MELLOR, WALTER, 205 South Juniper Street.
MOLITOR, JOHN, 130 South 15th Street.
MORRIS, GEORGE SPENCER, 1003-1004 Crozer Building.
PAGE, GEORGE B., 316 Walnut Street.
PAIST, P. E., 1613 Chestnut Street.
PEARSON, GEORGE T., 427 Walnut Street.
PEROT, ROBESON LEA, 34 South 17th Street.
POTTER, WM. WOODBURN, 603 Chestnut Street.
REINHOLD, HENRY L., JR., 1309 Walnut Street.
RUSH, LOUIS H., 130 South 15th Street.
SCHERMERHORN, C. E., 430 Walnut Street.
SHARPLEY, WALTER WILLIAM, 904 Stephen Girard Building.
SHIRK, J. G. M., 421 Chestnut Street.
SINKLER, JOHN P. B., 806 Bailey Building.
SMEDLEY, WALTER, 904 Stephen Girard Building.
STEARNS, GEORGE R., 1107 Stephen Girard Building.
STEWARDSON, EMLYN L., 316 Walnut Street.
THOMAS, JOHN D., 1501 Commonwealth Building.
THOMAS, WALTER H., 130 South 15th Street.
WATSON, FRANK R., 1211 Walnut Street.
WINDRIM, JOHN T., 1501 Commonwealth Building.
WOLF, OTTO C., Denckla Building.
ZIEGLER, CARL A., 705 Bailey Building.

MEMBERS OF THE CHAPTER WHO ARE NOT MEMBERS OF THE INSTITUTE

- BAKER, LOUIS C., JR., 34 South 17th Street.
BERGER, CARL P., 1416 South Penn Square Building.
BICKLEY, GEORGE H., 618 Chestnut Street.
BLOGG, HERBERT A., University of Pennsylvania,
Dept. of Architecture.
BRIGHT, JOHN IRWIN, 1701 Chestnut Street.
CAVIN, WILLIAM B., 1501 Commonwealth Building.
COOKMAN, WM. HOLMES, Broad Street Station.
DALLETT, E. JAMES, Equitable Building, Wilmington,
Del.
DAY, H. KENT, 925 Chestnut Street—"non-professional."
EDMUNDS, FRANKLIN D., Real Estate Trust Building.
ERSKINE, RICHARD, 1003 Crozer Building.
FETTEROLF, E. H., 1524 Chestnut Street.
FISHER, C. STANLEY, Rutledge, Pa.
FRANK, J. HORACE, Real Estate Trust Building.
GILCHRIST, EDMUND B., 1424 Walnut Street.
GROBEN, W. E., Witherspoon Building.
HARBESON, JOHN FREDERICK, 132 West Walnut Lane,
Germantown.
HAWLEY, SAMUEL DAVIS, 34 South 16th Street.
HOFFMAN, EDWARD F., JR., 3805 Locust Street.
HOWE, GEORGE, 1001 Provident Building.
IDELL, GEORGE S., 34 South 16th Street.
KEEN, CHARLES BARTON, 1218 Chestnut Street.
MARIE', LOUIS E., 164 West Hortter Street, German-
town.
MCGOODWIN, ROBERT R., 34 South 16th Street.
MCLVAINE, JOHN GILBERT, 1003 Spruce Street.
MILLER, HERMAN, 1420 Chestnut Street.
PRICE, WALTER F., 714 Walnut Street.
REGISTER, H. BARTOL, 920 Witherspoon Building.
RICHARDS, HOWARD S., 411 Gowen Avenue, Mt. Airy,
Philadelphia.
SAVERY, ADDISON H., 1326 Stephen Girard Building.
SAVERY, ALBERT H., 1326 Stephen Girard Building.
SHRIGLEY, ARTHUR, 603 Chestnut Street.
THOMPSON, JOHN D., Wilmington, Del.
TILDEN, MARMADUKE, JR., 806 Bailey Building.
TRUMBOWER, WERNER, 1420 Chestnut Street.
WETHERILL, HERBERT J., 328 Chestnut Street.
WIGHTMAN, EDGAR A., 1513 Walnut Street.
WISE, HERBERT C., 133 South 12th Street.
WOOD, WILLIAM A., 671 Bullitt Building.

Index of Advertisers

ANTIQUAIRE

Freund, Karl J. 175

ARCHITECTURAL SHEET METAL WORK

Lupton's Sons Co., David 189

ARCHITECTURAL WOODWORK

Adams, Daniel 174
 Barber, John 146
 Chapman Decorative Co. 178
 Irving & Casson—A. H. Davenport Co. 169
 Robinson & Co., John 168
 Smith & Co., Inc., Geo. W. 161
 White Allom Co. 134, 135, 136
 Wilt & Sons, A. 172

ART METAL WORK

Yellin, Samuel 184

ASBESTOS SHINGLES

Johns-Manville Co., H. W. 176

BALL-BEARING HINGES

Stanley Works, The 151

BOILERS

Cox Stove Co., Abram 162
 Smith Co., The H. B. 182

BRICK MANUFACTURERS AND DEALERS

Hydraulic-Press Brick Co. Insert
 Ketcham, O. W. 164, 165
 Sayre & Fisher Co. 172
 Shellenberger, C. F. 160

BRASS PIPE

American Tube Works 142

BLUE PRINTS

Robbins, Charles H. 168
 Weber & Co., F. 158

BUILDERS' EXCHANGE

Master Builders' Exchange 182

BUILDING MATERIAL

De Frain Sand Company 149
 French & Co., Samuel H. 140, 141
 Knickerbocker Lime Co. 151

CABINET WORK

Adams, Daniel 174
 Barber, John 146
 Chapman Decorative Co. 178
 Irving & Casson—A. H. Davenport Co. 169
 Robinson & Co., John 168
 Smith & Co., Inc., Geo. W. 161
 White Allom Co. 134, 135, 136
 Wilt & Sons, A. 172

CASEMENT WINDOWS AND SASHES

Deissler & Brother, P. 155
 Hope & Sons, Henry 158
 Wragge Ltd., Inc., Geo. 180

CASEMENT ADJUSTERS

Wilkins, George Lester 159

CEMENTS

De Frain Sand Company 149
 French & Co., Samuel H. 140, 141
 Knickerbocker Lime Co. 151
 Lehigh Portland Cement Co. 176

CEMENT COLORS

Cabot Inc., Samuel 168
 French & Co., Samuel H. 140, 141

COAL

Lloyd Co., William M. 152

CONCRETE STONE

Economy Concrete Co. 142
 Hartmann-Sanders Co. 159

COLUMNS

Hartman Saunders Co. 159

CONCRETE CONSTRUCTION

Drehmann Paving Co. 168

CONTRACTORS AND BUILDERS

Ballinger & Co., R. C.	146
Brown, Henry L.	185
Burrell, Horace H.	146
Cornell & Son, J. S.	159
George & Borst	160
Little & Son, Thomas	167
Mitchell Brothers	172
Myers & Sons Co., Jacob	139
Searing, F. Roe	184
Wallace, Frank E.	172

CUT STONE CONTRACTORS

Ingalls Stone Company	177
---------------------------------	-----

DRAWING AND ENGINEERING SUPPLIES

Robbins, Charles H.	168
Weber & Co., F.	158

DECORATORS AND FURNISHERS

Chapman Decorative Co.	178
Freund, Karl J.	175
Irving & Casson—A. H. Davenport Co.	169
White Allom Co.	134, 135, 136

ELECTRICAL CONTRACTORS AND ENGINEERS

Baird, Osterhout Co.	163
Jellett, Stewart A.	186
Keller-Pike Co.	172

ELECTRICAL SERVICE AND EQUIPMENT	
Philadelphia Electric Co.	Back Cover

ELEVATORS

Otis Elevator Co.	138
See Electric Company, A. B.	166

ENGINEERS AND CONTRACTORS

Jellett, Stewart A.	173
-----------------------------	-----

ENGRAVING AND PLATE MAKING

Electro-Tint Engraving Co.	190
------------------------------------	-----

FIRE BRICK AND CLAY RETORTS

Borgner Co., Cyrus	142
Ketcham, O. W.	164, 165

FIREPLACE FITTINGS

French & Co., Samuel H.	140, 141
Sloan, Wesley	184

FIREPROOF BUILDING MATERIALS

Ketcham, O. W.	164, 165
------------------------	----------

FLOORING

Hasbrouck Flooring Co., Inc.	158
--------------------------------------	-----

FURNACES, RANGES AND GAS RANGES

Cox, Stove Co., Abram	162
Makin Heating Co.	174
Spear Stove & Heating Co., James	150
United Gas Improvement Co.	144, 145

FURNITURE

Chapman Decorative Co.	178
Freund, Karl J.	175
Irving & Casson—A. H. Davenport Co.	169
White Allom Co.	134, 135, 136

GARDEN POTTERY

Galloway Terra Cotta Co.	174
Tognarelli & Voight Co.	167
Whitman Studios, The	156, 157

GLASS

(Stained and Decorative)

D'Ascenzo Studios	159
Heinigke & Bowen	152

GRILLES

Philadelphia Hardware and Malleable Iron Works, 148	
Tuttle & Bailey Mfg. Co.	183

HARDWARE MANUFACTURERS AND DEALERS

Murta, Appleton & Co.	163
Philadelphia Hardware and Malleable Iron Works, 148	
Stanley Works, The	151

HEATING AND VENTILATING

Boon & Sample	152
Bowers Bros. & Co.	184
Gormly Co., P.	151
Johnson Service Co.	182
Leinau, Roberts	160
Makin Heating Co.	174
Minneapolis Heat Regulator Co.	152
Spear Stove & Heating Co., James	150

HEATING SPECIALTIES

Jenkins Bros.	149
-----------------------	-----

HINGES

Stanley Works, The	151
------------------------------	-----

HOISTING APPARATUS	
Gillis & Geoghegan	160

IMITATION CAEN STONE	
Whitman Studios, The	156, 157

INDIANA LIMESTONE	
Ingalls Stone Co.	177

INTERIOR STONE WORK	
Ingalls Stone Company	177
Whitman Studios, The	156, 157

LIGHTING FIXTURES	
Philadelphia Electric Co.	Back Cover
United Gas Improvement Co.	144, 145

LUMBER	
Lloyd Co., William M.	152

MANTLES AND TILES	
French & Co., Samuel H.	140, 141
Sloan, Wesley	184

MARBLE	
Jacoby & Son Co.	142
Sloan, Wesley	184

MASON BUILDERS	
Chapman & Sons, Wm. R.	167

MILLWORK	
Adams, Daniel	174
Robinson & Co., John	168
Smith & Co., Inc., Geo. W.	161
Wilt & Sons, A.	172

MODELERS AND CARVERS	
Tognarelli & Voight Co.	167
Whitman Studios, The	156, 157

ORNAMENTAL PLASTER WORK	
Tognarelli & Voight Co.	167
Whitman Studios, The	156, 157

PAINTS, OILS AND VARNISHES	
Cabot, Inc., Samuel	168
Devoe, F. W. & C. T. Reynolds Co.	178
French & Co., Samuel H.	140, 141
Lewis & Bros. Co., John T.	143
National Lead Co.	143
Standard Varnish Works	154

PAINTING AND DECORATING	
Black & Son, F. A.	146
MacGregor & Bro., D. A.	180

PAVING	
Drehmann Paving Co.	168

PRINTING AND PUBLISHING	
Sickler Co., A. H.	186

PLUMBING GOODS AND SANITARY SPECIALTIES	
Haines, Jones & Cadbury Co.	170
Johnson Co., J. D.	188
McCambridge-Cooper Co.	181
Speakman Supply & Pipe Co.	191
Standard Sanitary Mfg. Co.	147

PLUMBING	
Boon & Sample	152
Gormly Co., P.	151
Leinau, Roberts	160

POTTERY (GARDEN)	
Galloway Pottery Co.	174
Tognarelli & Voight Co.	167
Whitman Studios, The	156, 157

RADIATORS	
Philadelphia Hardware and Malleable Iron Works,	148
Smith & Co., The H. B.,	182
Tuttle & Bailey Mfg. Co.	183

REFRIGERATORS	
McCray Refrigerator Co.	154

REGISTERS	
Philadelphia Hardware and Malleable Iron Works,	148
Tuttle & Bailey Mfg. Co.	183

ROOFING MATERIALS	
Barrett Mfg. Co.	137
Ketcham, O. W.	164, 165
Ludowici-Celadon Co.	159
Moore Co., William	179
Shellenberger, C. F.	160

SASH CORD	
Samson Cordage Works	151

SLATE	
Moore Co., William	179
Shellenberger, C. F.	160

SEAMLESS BRASS PIPE		TILES	
American Tube Works.....	142	French & Co., Samuel H.....	140, 141
SHINGLES		Ludowici-Celadon Co.....	159
Lloyd Co., Wm. M.....	152	Moore Co., William.....	179
SHINGLE STAINS		Shellenberger, C. F.....	160
Cabot, Inc., Samuel.....	168	TILE WORK	
French & Co., Samuel H.....	140, 141	Sloan, Wesley.....	184
SHOWERS		TRIMBLE VAULT CONSTRUCTION	
Speakman Supply & Pipe Co.....	191	Guastavino Co., R.....	173
STAINED GLASS		VALVES	
D'Ascenzo Studios.....	159	Jenkins Bros.....	149
Heinigke & Bowen.....	152	WALL COATING	
STATUARY		French & Co., Samuel H.....	140, 141
Galloway Terra Cotta Co.....	174	WALL COVERINGS	
Tognarelli & Voight Co.....	167	Chapman Decorative Co.....	178
Whitman Studios, The.....	156, 157	Freund, Karl J.....	175
STEAM SPECIALTIES		Irving & Casson—A. H. Davenport Co.....	169
Jenkins Bros.....	149	White Allom Co.....	134, 135, 136
STEAM TRAPS AND VALVES		WALL TILES	
Jenkins Bros.....	149	French & Co., Samuel H.....	140, 141
Watson & McDaniel Co.....	184	Moore Co., William.....	179
TEMPERATURE REGULATION		WATERPROOFING	
Johnson Service Co.....	182	Aquabar Company, The.....	187
Minneapolis Heat Regulator Co.....	152	WOOD FINISHES	
TERRA COTTA		Cabot, Inc., Samuel.....	168
Atlantic Terra Cotta Co.....	153	Devoe, F. W. & C. T. Raynolds Co.....	178
Conkling-Armstrong Terra Cotta Co.....	171	Standard Varnish Works.....	154
Ketcham, O. W.....	164, 165		

Some Interesting English Decorations

At a time when Brussels is in the occupation of the Germans, it is interesting to remember that during the last great International Exhibition it was freely stated that the German Government erected buildings of such a substantial type that they must have been built for a special use after the Exhibition closed. It will be remembered that a terrible fire devastated the magnificent exhibit of Great Britain, and amongst work which specially obtained not only the highest award, but a special congratulation of the international juries, was the exhibit of the English and American decorative firm of White Allom & Co., 19 East Fifty-second Street, New York. The head of the firm, Sir Charles Allom, was one of the British International Exhibition's Royal Commissioners, and took a most active part in the reconstruction of the British Section after the fire. This work did much to cement the good feeling of the Belgians and the English. He is now in America completing the interior of the Friek house, with Mr. Thomas Hastings, and part of the Harvard Library, with Mr. Horace Trumbauer.

Three of the illustrations accompanying this article are of the beautiful rooms erected by that firm, which were entirely consumed in the fire. But they are typical examples of the work which has made their firm famous throughout the world. It is remarkable how large is the number of great collectors of art objects by whom they have been employed to make backgrounds for their collections. In these cases special knowledge of where to be ornamental and where retain plain surfaces is necessary. Their association with the architects of many well-known Americans is the result, and in the homes of the following, amongst others, are fine examples of their work: J. P. Morgan, P. A. B. Widener, Henry Clay Friek, George Drexel, Edward E. Stotesbury, Robert L. Montgomery, Percival Roberts, Edwin Gould, George Gould, Harris Fahnestock, Morton Plant, Philip Lehman, and many others. Their work, in association with some of America's greatest architects, has been most successful, and at the moment may be mentioned the Harry Widener Memorial Library, erected by Mrs. George D. Widener, to her son's memory. We have only space to show the Entrance Lobby to the building, the architect of which is Mr. Horace Trumbauer, of Philadelphia.



ENTRANCE LOBBY TO THE WIDENER MEMORIAL LIBRARY, HARVARD UNIVERSITY, BY SIR CHARLES ALLOM AND HORACE TRUMBAUER

This building, as is well known, has been erected by Mrs. George Widener, of Philadelphia, in memory of her son Harry Widener, who died in the Titanic disaster. He was the well-known collector of first editions of authors, and left his great collection to the Harvard University to which has been added the munificent gift of Mrs. Widener of the library building, to house the whole of the University books as well.

The Reception Hall, Staircase, Memorial Hall and Collection Room were designed by Sir Charles Allom, the head of the firm of White Allom & Co., who carried the work out under the architect to the building, Mr. Horace Trumbauer, of Philadelphia.



DINING ROOM, BY SIR CHARLES ALLOM, OF WHITE ALLOM & CO., LONDON AND NEW YORK

Designed and erected by White Allom & Co., of London and New York, at the last Brussels Exhibition. It received the highest award and the unique distinction of the special congratulation of the Juries for its excellence of workmanship and design.



WILLIAM AND MARY OAK ROOM, BY SIR CHARLES ALLOM, LONDON AND NEW YORK

A room designed and executed by White Allom & Co., of London and New York, exhibited in the Brussels Exhibition and burnt with the whole of the British section in the great fire which devastated the finest section of the Exhibition.



MANTELPiece—DINING ROOM AT BRUSSELS, BY SIR CHARLES ALLOM, OF WHITE ALLOM & CO.,
LONDON AND NEW YORK

From the Brussels Exhibition Dining Room, designed and executed by White Allom & Co., of London and New York.

This type of English decoration is now more sought for than even French work was a few years ago, and great French connoisseurs who visited Brussels said that they had not known that England produced such refined types of workmanship and design until they had seen it demonstrated in the Exhibition.



Factory of the Packard Motor Car Company, Detroit, Mich.
 Architect: Mr. Albert Kahn, Detroit, Mich.
 Roofers: Howie Roofing Co., Detroit, Mich.

—on the *Packard* Plant

The great Packard Automobile plant at Detroit is one of the marvels of American industry.

It consists of thirty buildings stretched out for three-quarters of a mile. It is a modern plant built on model lines by modern engineers.

It seems almost unnecessary to add that all these buildings are covered with Barrett Specification Roofs.

We say "unnecessary" because the use of Barrett Specification Roofs is practically universal on large modern plants.

The leading architects, engineers and roofers of the country—those who usually are responsible for the construction of buildings of this character—know that Barrett Specification Roofs will give longer service at lower cost than any other form of roof covering.

A Barrett Specification Roof will last twenty or more years without costing a cent for maintenance. It takes the

base rate of insurance because fire-underwriters class it as non-inflammable.

To borrow for a moment the famous Packard phrase, we say: "Ask the man who owns one".

Special Note

We advise incorporating in plans the full wording of The Barrett Specification, in order to avoid any misunderstanding.

If any abbreviated form is desired, however, the following is suggested:

ROOFING — Shall be a Barrett Specification Roof laid as directed in printed Specification, revised August 15, 1911, using the materials specified and subject to the inspection requirement.

A copy of The Barrett Specification, with roofing diagrams, free on request.

BARRETT MANUFACTURING COMPANY

New York
 Detroit

Chicago
 Birmingham
 The Paterson Mfg. Co., Limited:
 St. John, N. B.

Philadelphia
 Kansas City
 Montreal
 Halifax, N. S.

Boston
 City
 Montreal
 Halifax, N. S.

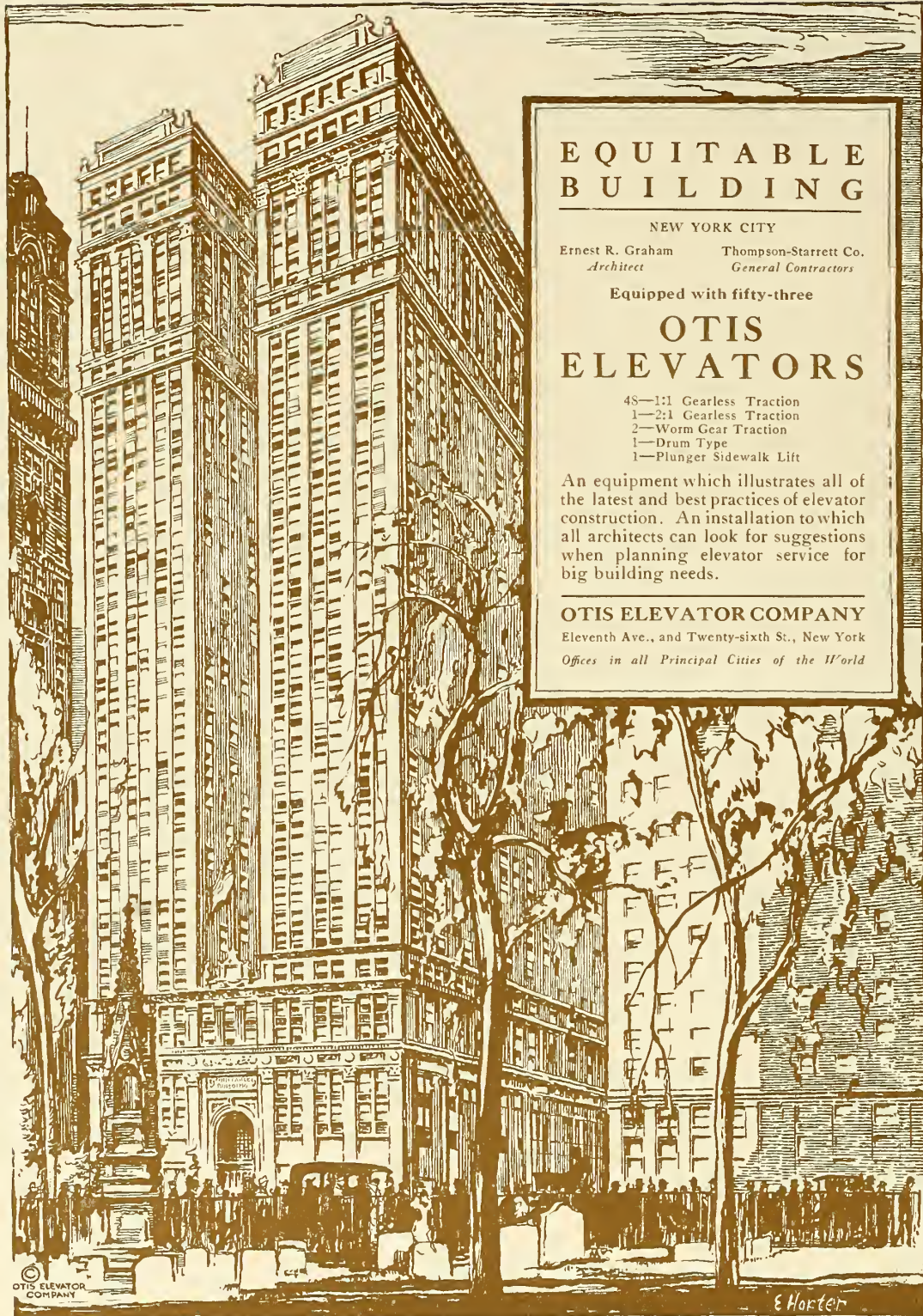
St. Louis
 Minneapolis
 Toronto
 Sydney, N. S.

Cleveland
 Salt Lake City
 Winnipeg
 Vancouver

Cincinnati
 City
 Vancouver

Pittsburgh
 Seattle





EQUITABLE BUILDING

NEW YORK CITY

Ernest R. Graham
Architect

Thompson-Starrett Co.
General Contractors

Equipped with fifty-three

OTIS ELEVATORS

- 48—1:1 Gearless Traction
- 1—2:1 Gearless Traction
- 2—Worm Gear Traction
- 1—Drum Type
- 1—Plunger Sidewalk Lift

An equipment which illustrates all of the latest and best practices of elevator construction. An installation to which all architects can look for suggestions when planning elevator service for big building needs.

OTIS ELEVATOR COMPANY

Eleventh Ave., and Twenty-sixth St., New York

Offices in all Principal Cities of the World

© OTIS ELEVATOR
COMPANY

E. Harter



ADDITION, UNIVERSITY OF PENNSYLVANIA MUSEUM
PHILADELPHIA

Wilson Eyre & McIlvaine,
Stewardson & Page,
Day & Klauder,
Associated Architects

Jacob Myers Sons' Company
Builders

Forty-five years' experience in building construction enables us to execute to the finest detail contracts for residences, office buildings, manufacturing plants and all other work that requires a thorough knowledge of building construction.

JACOB MYERS SONS' COMPANY

Witherspoon Building

Philadelphia

FRENCH'S

"Quality First"

Paints and Varnishes

FRENCH'S VARNISHES

Durable, Elastic

FRENCH'S FLAT WALL FINISH

Made with Linseed Oil, can be washed

CONCRETO CEMENT COATING

A paint for concrete and brick buildings

INDELIBLO WASHABLE COLD

Water Paint

FRENCH'S ENAMELS

Highest Gloss and Finish

TILE, MANTELS, FIREPLACE Fixtures

CALCIMO SANITARY WALL COATING

A powder that mixes with cold water
and guarantees satisfactory results

FIREPROOF COLD WATER PAINT

Buck
White
Lead



Standard
for over
70 years

Peerless Mortar Colors

Brightest, Strongest, Unfading

Manufactured in pulp form only, for coloring and tinting Lime Mortar, Cement Mortar and Interior Wall Plaster

French's Cement Colors

Permanent, Lime-Proof, Strong

Dry Colors for Coloring all Cement Mixes

Samuel H. French & Co.

PAINT AND VARNISH MANUFACTURERS

Established 1844

PHILADELPHIA, U. S. A.



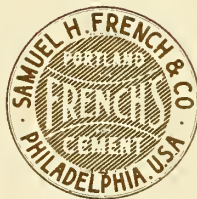
THIS MARK
GUARANTEES
FRENCH'S PORTLAND
CEMENT

as the safest and most
Economical Portland
Cement you can specify.
Uniformity Guaranteed.

Samuel H. French & Co.

York Ave., Fourth and Callowhill Sts.

PHILADELPHIA



Established 1844

PHONES:

Bell, Market 19-24
Keystone, Main 12-21



BOSTON · NEW YORK · PHILADELPHIA · CHICAGO

AMERICAN TUBE WORKS

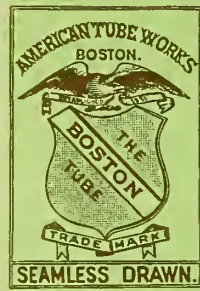
10 OLIVER STREET

BOSTON, MASS.

ESTABLISHED 1851

Original and Largest Manufacturers
in America

Seamless Brass
Pipe for
Plumbing



Guaranteed for HOT or
COLD Water. Each and
every length of our pipe is
stamped

“A. T. W. BOSTON”

on each end and bears our
Green Trade Mark

WHEN SPECIFYING THIS PIPE PLEASE CALL FOR

“American Tube Works Brass Pipe”

We shall be pleased to furnish Architects upon application a complete set of our Architects' Samples of Seamless
Brass Pipe, Standard Iron Pipe Sizes, with weight per foot stamped on each piece,
and threaded with Standard Thread



Sunday School Building, Evangelical Lutheran Church
59th and Spruce Streets, Philadelphia

J. EDGAR WILLING, (with K. M. Murchison) Architect

CONCRETE STONE
TRIM BY

Economy Concrete Co.
NEW HAVEN : : : CONN.

Q The amount of concrete stone in above
building is small, but it's a good example of
what can be done. A different aggregate
producing another color can be used if desired.



Jacoby & Son Company

MARBLE

2025 MARKET STREET

PHILADELPHIA



Wherever Metal Is Used

On structural steel skeletons of every size and description, from the tallest building to the smallest bridge; on railroads and railways, above, on and under the surface; on steel cars, lighthouses, boats and buoys; in fact wherever metal is used, Dutch Boy red lead-in-oil (pure paste red lead) is the logical paint.

It completely revolutionizes the protection of structural metal, combining as it does high-grade red lead's superior rust-resistive qualities and the benefits to be derived from having this unexcelled paint for metal in paste form.

**NATIONAL LEAD
COMPANY**

New York Boston Buffalo Chicago Cincinnati
Cleveland St. Louis San Francisco
(John T. Lewis & Bros. Company, Philadelphia)
(National Lead & Oil Company, Pittsburgh)

There are three Lewis links—
Lewis White Lead
Lewis Linseed Oil
Lewis Oil Colors



Think of them as a unit. United they mean good, durable paint—true economy in preserving buildings.

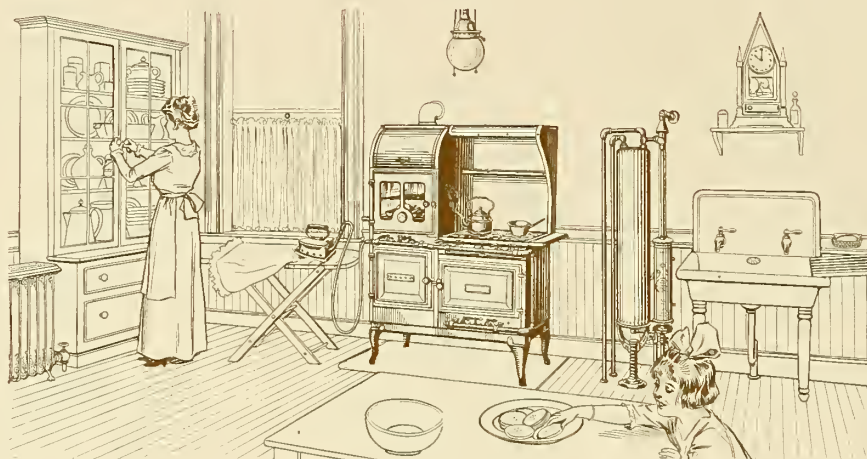
The main strength of the Lewis links lies in being used together, because any one link is just as necessary as the other two. Remember a chain is no stronger than its weakest link.

Strict adherence to an honest policy of producing only the best has made all the Lewis links standard. They are made to go together. Specify all three—Lewis White Lead, Lewis Linseed Oil and Lewis Oil Colors.

John T. Lewis & Bros. Company

Lafayette Building

Philadelphia



The Voice of the People

It is heeded more to-day than ever before. When this voice demands a certain type of house you must heed it.

In every stratum of society it is heard in favor of the "All-Gas Kitchen." Many successful builders have realized exceptional sales results by heeding this call and installing "All-Gas Kitchens" in all of their houses. The kitchen goes a long way toward making the sale.

We have interesting figures showing the progress of the "All-Gas Kitchen." Practically everyone now knows its economies and many are having the kitchens in old houses converted. No new house should be built without this popular feature.

We maintain a "new building" department for co-operation with architects and builders. In planning an "All-Gas Kitchen," get the ideas and experiences of these specialists.

Have you a copy of the book, "The Gas Equipment of the Home"?

The United Gas Improvement Company

TELEPHONES: BELL, FILBERT 2191 KEYSTONE, RACE 2690

Modern Gas Piping for Modern Houses

The fact that Philadelphia has become known the world over as the city of homes is proof that Philadelphians are a comfort-loving people.

Every family wants its own home, and you, as an architect or builder, know how much comfort-and-economy-bringing devices count in the home.

It adds very little to the cost of the house to have, in addition to the regular outlets for illumination, baseboard outlets for gas-heating stoves; floor outlets in the dining room for the chafing dish, coffee percolator and other small table appliances, and in the library or living room, so a reading lamp may be placed on the reading table. These will add greatly to the comfort of the householder.

This kind of convenience to the occupant will enhance the reputation of the architect for attention to detail and will help the builder sell his houses.

Call upon our "new building" specialists. They will give you much valuable information along this line.

Have you a copy of the book, "The Gas Equipment of the Home"?

The United Gas Improvement Company

TELEPHONES: BELL, FILBERT 2191 KEYSTONE, RACE 2690

RICHARD C. BALLINGER

ERNEST R. YARNALL

JOHN A. STRATTON

R. C. BALLINGER & Co.
BUILDING CONSTRUCTION

218 North Thirteenth Street

PHILADELPHIA



Duo Circasian Walnut Table, James Bright, Architect

Master Craftsman and Artisan

in the use of

Modern Workmanship and
Materials of the Highest Class

JOHN BARBER

220 Chancellor Street - Philadelphia

Horace H. Burrell

**BUILDER AND
CONTRACTOR**

206 Quince Street

PHILADELPHIA

FRANCIS F. BLACK

Established 1840

TELEPHONE CONNECTION

SEVENTY-FIVE YEARS' EXPERIENCE IN GOOD PAINTING

F. A. BLACK & SON
Painting, Decorating and Hardwood Finishing

No. 620 South Washington Square, Philadelphia, Pa.

GOOD WORKMANSHIP

BEST MATERIALS

MODERATE PRICES

"Standard" Built-In Baths

STYLES progress in baths as in other furnishings for the modern home. The noteworthy advance represented by "Standard" porcelain enameled BUILT-IN BATHS is the result of our years of effort to produce a fixture which would represent the last word in sanitation and convenience, at a reasonable cost. Reference to the illustrations will show the convenience of the new "Standard" built-in bath.



"Standard" Conred Bath for right corner



"Standard" Recona Bath for recess or alcove



"Standard" Piercon Bath, builds into wall at back

Features of "Standard" Built-In Baths Shown in this Space

They are made in one-piece, enameled all over, with the outside as glossy and attractive as the inside. (When to lower cost, enameled inside only is desired, they should be so ordered. However, enameled all-over is more desirable.)

They build into the wall and floor, thereby reducing care and cleaning to a minimum. No reaching nor stooping to clean under and back of the bath. No "hard-to-get-at" places where dirt and moisture can accumulate. The minimum amount of fitting surface to keep polished.

They are lower than the ordinary type of bath, yet have better bathing accommodations. Only 18 inches from bottom to top, and 17 inches deep inside.

For further information and literature illustrating and describing "Standard" Built-In Baths, call or address the Standard Philadelphia Showroom.

Standard Sanitary Mfg. Co.

General Offices, Pittsburgh, Penna.

Philadelphia Showroom,

1215 Walnut Street

Established 1852

Incorporated 1888

THE PHILADELPHIA HARDWARE AND MALLEABLE IRON WORKS



Grille here shown furnished for Manufacturers' Club, Phila.

*Hot-Air Registers
Ventilators
Grilles, Etc.*

PRODUCTS

Hot-Air Registers, Ventilators and Grilles in Bronze, Brass, Cast-Iron and Pressed Steel.

Malleable, Gray Iron, Aluminum, Bronze, Brass and Steel Castings to order.

STOCK AND SPECIAL DESIGNS, ESTIMATES

Catalogue showing complete stock designs, with sizes, prices, etc., sent on request. Special designs and estimates on designs sent us by architects and engineers gladly furnished.

**Ninth and Jefferson Streets
PHILADELPHIA, PA.**

JENKINS BROS.

Standard Fractional Radiator Valves

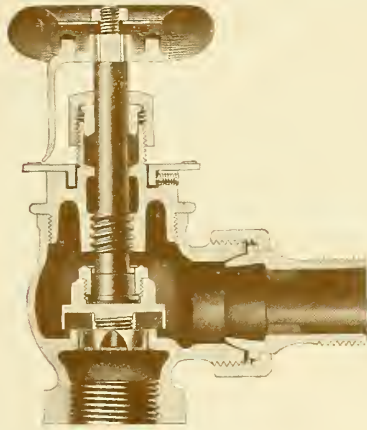


Fig. 300

FOR USE IN CONNECTION WITH
ATMOSPHERIC SYSTEMS VAPOR SYSTEMS
VACUUM RETURN LINE SYSTEMS

The Jenkins Bros. Fractional Radiator Valves can be furnished with or without unions, and with globe, angle, offset globe, or corner valve bodies as ordered. Prices quoted on application.

Write for our booklet on Heating Specialties

Copy of our booklet

"Notable Examples of American Architecture" mailed on request

JENKINS BROS.



133 N. 7th Street, Philadelphia

80 White Street, New York

524 Atlantic Avenue, Boston

300 West Lake Street, Chicago

Jenkins Bros., Limited, Montreal and London



DELIVERIES BY TEAM, RAIL AND BOAT

The DeFrain Sand Company

BUILDING MATERIALS

Beach and Berks Streets, Philadelphia, Pa.

Wharves: { BERKS STREET, DELAWARE RIVER
 CHRISTIAN STREET, SCHUYLKILL RIVER

BAR SAND
 JERSEY BANK SAND
 RIVER CONCRETE SAND
 PAVING SAND
 WHITE SAND
 GRADED GRAVEL
 CRUSHED PEBBLES

STONE GRIT
 CRUSHED SLAG
 SLAG GRIT
 CEMENT
 WHITE STAINLESS CEMENT
 LIME
 "ALCA" LIME

LIMOID
 HYDRATE LIME FINISH
 CALCINED PLASTER
 HARD WALL PLASTER
 HAIR
 MORTAR COLOR



SPEAR'S NEW COOKING RANGE

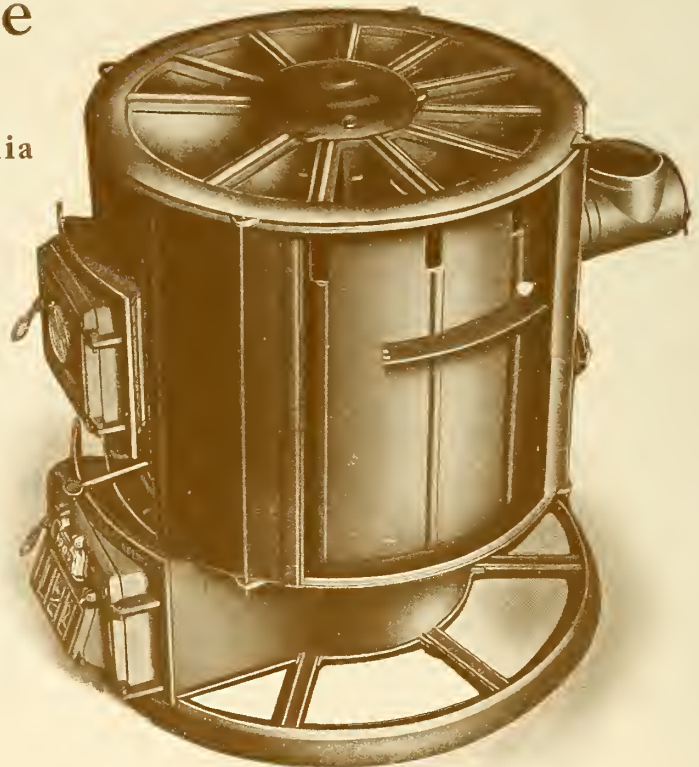
Made in all sizes. Single and Double Ovens. Right and Left-Hand Ovens

James Spear Stove & Heating Co.

1823 Market Street, Philadelphia
Formerly 1014-16 Market Street



SPEAR'S WATER HEATER AND LAUNDRY
STOVE. Style A



SPEAR'S NEW WARM-AIR DISTRIBUTOR. With Section of Inner Casing
out and showing top of Heat Flues

Our Motto

"DURABILITY FUEL ECONOMY EFFICIENCY"

The illustrations on this page are merely designed to suggest to you a few of the types of Apparatus which we manufacture.

For fifty-nine years we have been providing the public with the best types of Heating and Cooking Apparatus that we were capable of producing, and their appreciation has been demonstrated by the fact that over 300,000 Spear Appliances have been sold. We are no less ambitious to-day to merit the patronage of both Architect and Owner who wish the best material and workmanship at a fair cost.

Write for our Booklets, and extend our Representatives the privilege of assisting in the solution of your Heating, Cooking, and Laundry Appliance problems.

Special attention given to

**CHIMNEY AND FIREPLACE WORK
HOT WATER, STEAM AND WARM AIR
HEATING**

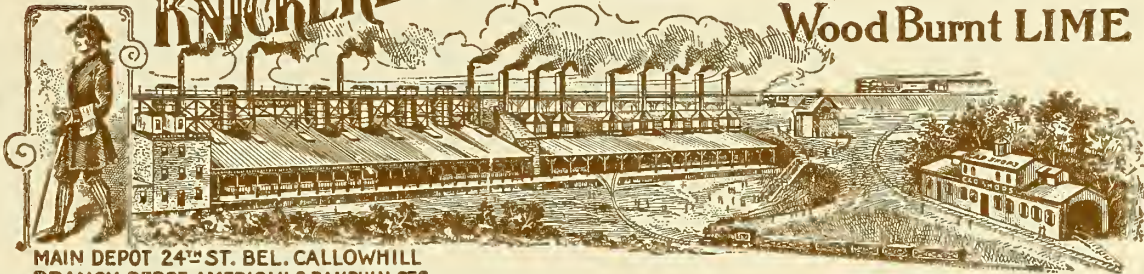
"A Stove for Every Purpose"

JOHN P. COGHLAN, President
 JOHN THIEL, Vice-President
 VALENTINE C. TROUT,
 Secretary and Treasurer

KNICKERBOCKER LIME COMPANY.

MANUFACTURERS OF

Wood Burnt LIME



MAIN DEPOT 24th ST. BEL. CALLOWHILL
 BRANCH DEPOT AMERICAN & DAUPHIN STS.

Building Lime
 Hydrated Lime
 Concrete Stone
 Pebbles, all sizes
 Ready Finish
 Plaster Paris
 White Sand

Slag and Pebble Grit
 Bar Sand and Gravel
 All-American Portland Cements
 Atlas White Cement
 Expanded Metal
 Hy-Rib
 Plastering Lath

Hair and Fibre
 Mortar Colors
 Cement Stains
 Corner Beads
 Wall Ties
 Keene's Cement
 Mixed Mortar

King's and Keystone Hard Wall Plasters

Knickerbocker Wall Plaster, neat and sanded

P. Gormly Co.

Heating, Plumbing, Power
 and Sprinkler Installations

155 North Tenth Street · · Philadelphia

SAMSON SPOT SASH CORD



Made of extra quality stock, carefully inspected and warranted free from imperfections. Proved by tests and long experience to be the most durable and most economical material for hanging windows.

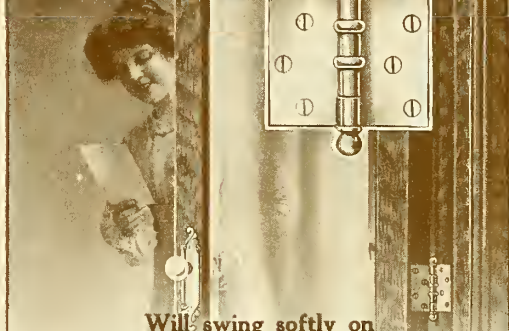
SAMSON
 CORDAGE
 WORKS



Boston,
 Mass.

Send for samples

The Opening Door



Will swing softly on

STANLEY'S
BALL BEARING HINGES
 with Non-Rising Pins

Write for Booklet "Properly Hung Doors"

THE STANLEY WORKS
 NEW BRITAIN, CONN.

See our catalog in "Sweet's," page 778





HEINIGKE AND BOWEN STAINED GLASS WORKERS & MOSAIC WROUGHT MAKERS OF AERIAL WINDOWS

24-26 EAST 13th ST. NEW YORK

OTTO HEINIGKE
O W HEINIGKE
OLIVER SMITH

TELEPHONE
562-5777

RIGHT TEMPERATURE IN THE HOME
Below Sixty While Asleep - Warm At Waking Time - Even All The Day.

This device has universally become one of the requirements of every modern home. Its accurate operation insures healthful temperatures, fuel economy and does away with all attention to drafts and dampers.

The "MINNEAPOLIS" HEAT REGULATOR
"The Heart of the Heating Plant"

Renders a service each year worth many times its cost.

The clock attachment enables one to secure automatically and silently a resumption to warmer temperature at any set hour.

With Model No. 60, which is decidedly the "de luxe" device of all makes and models, both time and temperature change operate eight days with one winding.

The "Minneapolis" can be used with hot-water, hot-air, steam or natural gas heating. Has been the standard for nearly a third of a century.

Sold and installed by the heating trade everywhere under a positive guarantee of satisfaction.

Our booklet shows all models, explains details and gives prices

Minneapolis Heat Regulator Co.
Factory and General Offices
2792 Fourth Ave., S., Minneapolis, Minn.



Model No. 60

Boon & Sample

**PLUMBING
and
HEATING**

1708 ARCH STREET
PHILADELPHIA

Established 1868

WILLIAM M. LLOYD COMPANY

Lumber and Coal

Philadelphia

We manufacture "H. B. SHORT" 7 x 24 Hand-Made Split Cypress Shingles
Selling Agents "ACORN BRAND" Oak Flooring



*Harrison Building, Philadelphia
Cope & Stewardson, Architects
Gray Atlantic Terra Cotta*

NEARLY twenty years ago we made the Atlantic Terra Cotta for the Harrison Building in Philadelphia. If we made it over again to-day we could improve on the alignment of the plain ashlar blocks (good as they are), but we could not better the modeling.

Through all the development of Atlantic Terra Cotta that tended toward improved mechanical accuracy and the perfection of colored glazes, we have never lost sight of the fact that plastic modeling is the distinctive characteristic of Terra Cotta, and our modeling departments have always been made up of the men best qualified to take full advantage of this characteristic.

Atlantic Terra Cotta Company

1170 Broadway, New York

*I. B. Betts
1309 Commonwealth Bldg.
Philadelphia*

SPECIFY McCRAY REFRIGERATORS



There is a type and size to suit the most pretentious mansion or the small cottage.

Make your plans complete by including a built-in McCray refrigerator, with an extra rear or end door for icing from the rear porch.

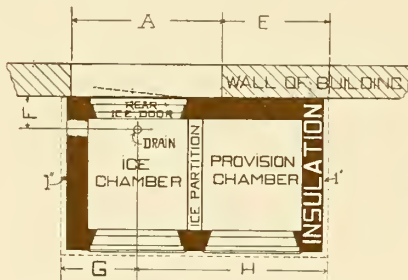
A practical, up-to-date arrangement that is a great convenience, which will relieve your clients of an immense amount of annoyance and will

KEEP THE ICEMAN OUTSIDE THE HOME

Regular stock sizes or special built-to-order to fit any space. Linings of opal glass, porcelain or white enamel, sanitary and easily cleaned.

Complete plans and specifications furnished architects on request.

Send or phone for complete catalog for your files.



McCray Refrigerator Co.

206 S. Eleventh Street - Philadelphia, Pa.

Factory and Main Offices - KENDALLVILLE, IND.

Branches in principal cities



FLOOR FINISH



WHITE ENAMEL



STAINS



FINISH No. 2

STANDARDIZED PRODUCTS

Scientifically up-to-date, absolutely reliable, uniform and durable, you are safe in specifying them at all times.

Elastica Floor Finish, made to meet and resist the severest wear to which floors are subjected. Satinette White Enamel, a beautiful, sanitary, white enamel finish for interior and exterior work. Elastica No. 2, the best varnish possible to produce for interior work. Kleartone Stains, up-to-date shades, producing the most artistic effects, enhancing the beauty of the wood over which they are applied.

STANDARD VARNISH WORKS

New York

Chicago

San Francisco

London

International Varnish Co., Limited, Toronto, Canada



FLOOR FINISH



WHITE ENAMEL



STAINS



FINISH No. 2



Deissler Metal
Casements

Residence, Charles S. Walton, Esq.
St. David's, Pa.

D. Knickerbacker Boyd
Architect

Equipped with

P. DEISSLER & BRO. METAL CASEMENTS

*Made of the best imported Solid Rolled Steel Sections
(See Sweet's 1915 Edition Pages)*

Our other Products: ECONOMIC CASEMENTS, DEISSLER IMPROVED
PIVOTED VENTILATORS, SKYLIGHTS, DOMES, WROUGHT IRON
BALCONIES and GRILL WORK, have the unqualified approval of
Leading Architects

The following is a partial list of our installations

L. C. Baker, Residence, Bala, Pa.	Architects
E. Bok, Garage, Merion, Pa.	L. C. Baker, Jr.
S. W. Colton, Jr., Residence, Ardmore, Pa.	Horace Wells Sellers
E. B. Wilford, Residence, Merion, Pa.	Horace Wells Sellers
L. F. Sims, Residence, Rosemont, Pa.	Heacock & Hokanson
Chas. W. Bailey, Residence, Strafford, Pa.	F. Hopkinson Evans and Francis G. Caldwell
J. L. Woolsten, Residence, Germantown, Pa.	Bailey & Bassett
H. B. Forman, Residence, Haverford, Pa.	Price & McLanahan
Oncologic Hospital, Philadelphia	Price & McLanahan
	Walter H. Thomas

P. DEISSLER & BRO. :: 249 So. Sixth Street, Philadelphia
ESTABLISHED 1884 Send for our illustrated Catalogue and Price List



Charles S.
Walton
Residence
St. Davids,
Pa.

David
Knickerbacker
Boyd, Architect

Billiard Room

Charles S.
Walton
Residence
St. Davids,
Pa.

David
Knickerbacker
Boyd, Architect

All plain and
ornamental
plaster and
imitation
stone work
executed by



Library

The Whitman Studios

No. 900 Oxford Street
Philadelphia



Charles S.
Walton
Residence
St. Davids,
Pa.

David
Knickerbacker
Boyd, Architect

Stair Hall, First Floor Landing

Charles S.
Walton
Residence
St. Davids,
Pa.

David
Knickerbacker
Boyd, Architect



All plain and
ornamental
plaster and
imitation
stone work
executed by

Stair Hall, Second Floor Landing

The Whitman Studios

No. 900 Oxford Street
Philadelphia

Hope's
Case-
ments
and
Glazing

103 Park
Avenue
NEW
YORK



Phi
Gamma
Delta
Club

Philadelphia

Mellor &
Meigs
Architects

F. WEBER & CO.
Drawing and Engineering Supplies



Riefler and "Sphinx" Drawing Instruments
Standard here and in Europe

F. W. & Co.'s Water-Proof Inks, Black and Ten Colors
Noted for permanency, brilliancy and insolubility

**Drawing, Tracing, Detail Papers, Drawing Tables and
Drafting Room Furniture a Specialty**

Blue, Brown and Direct Black Line (water bath process)
Papers.

Printing Done at Reasonable Rates
Mail Order Blue Printing Solicited

"Uniform" Contract Blanks and "Standard" Blanks for
the Building Trade.

Works on Art for Architects, Designers, etc.

Air Brushes for Architectural Rendering.

New "1915" Catalogue, Vol. 400 A. Y., the most com-
plete and comprehensive in the line, ready for distribution.
Copy sent on request.

Factory: **1125 Chestnut Street** Branches:
Philadelphia **PHILADELPHIA, PA.** St. Louis, Mo.
Baltimore, Md.

**HASBROUCK
FLOORING
COMPANY
INCORPORATED**

Manufacturers of

**Hasbrouck Patent Wood
Block Flooring For
Fireproof Buildings**

**PARQUETRY
CORK TILE**

(Pure Compressed Cork)

and

SANITARY TILING

(Cork Composition)

**OFFICE, WAREROOM AND FACTORY
501-509 E. 70th Street, New York**

A CATALOGUE

that is different

WE call the attention of practicing architects to our new book of details. No pictures of buildings. No testimonials. No verbose exploitation of quality or merit. Just details and specifications. A practical workable volume for working purposes.

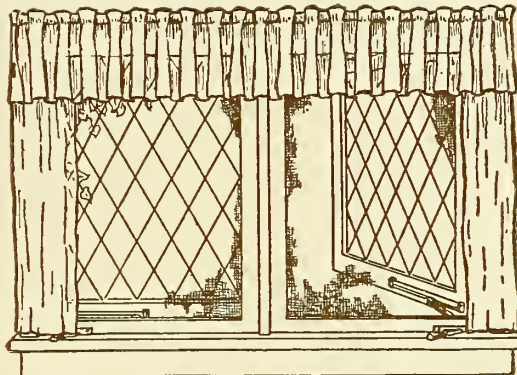
Ludowici-Celadon Company

Manufacturers of

Terra Cotta Roofing Tiles

Fifth Avenue Bldg.
New York

Weightman Bldg.
Philadelphia



THE Wilkins Casement Adjusters make all out swinging casements practical and a pleasure to use.

They make possible weather-tight, insect-proof and noiseless windows.

They are easily applied, used with screens, cannot be forced and fasten automatically at many angles, avoiding breakage.

The complete advantages to you will be explained on request

George Lester Wilkins
1139 Lunt Ave., Chicago



We have issued a very interesting Catalogue, "No. 28-2"

"PERGOLAS"
and Garden Accessories

Catalogue "No. 40-2"—containing very useful information about Exterior and Interior Columns, will be sent to those who want it.

HARTMANN-SANDERS CO.

Exclusive Manufacturers of

Koll's Patent Lock Joint Stave Column

Suitable for Pergolas, Porches or Interior Use

Main Office and Factory

Elston and Webster Aves., Chicago, Ill.

EASTERN OFFICE, 6 E. 39TH ST., NEW YORK CITY

The
D'Ascenzo Studios

PHILADELPHIA NEW YORK
1608 LUDLOW STREET 7 E. 42D STREET

Church Memorials

Stained Glass Windows
Memorials in Wood, Metal, Marble, Mosaic,
etc., executed from our Special Designs

J. S. CORNELL & SON

Building Construction

233-5-7 LAND TITLE BUILDING

PHILADELPHIA

Bell Phone

Keystone Phone

C. F. SHELLENBERGER

BEST LINES IN

ROOFING AND FLOOR TILE

ROOFING AND STRUCTURAL SLATE

Slate for Graduated Roofs a Specialty, Various Shades
and Glazes Roofing Tile

303 BUILDERS' EXCHANGE . . . PHILADELPHIA

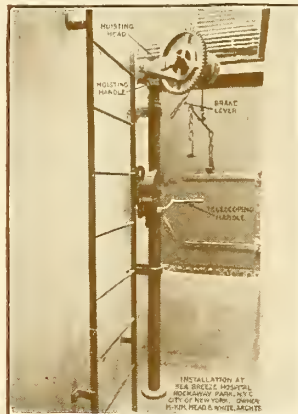
Send for
Illustrated
Booklet



Price :
\$115
F. O. B.
N. Y. City

Not only for Ash Removal—
but also for hoisting or lowering barrels, kegs, cakes of ice,
etc., between cellar and sidewalk.

Operated from sidewalk—public is protected from danger
of open hatch and operator cannot be injured by a falling
load.



When not in use no part shows above street level. Raises a maximum load of 500 lbs. at a speed of 30 feet per minute, and is practically noiseless in operation. Every hoist is subjected to thorough working test before shipment.

Gillis & Geoghegan
549 West Broadway
NEW YORK

SAML. W. LEINAU, 1851-1881 M. LEINAU, 1881-1901

ROBERTS LEINAU

PLUMBING

HEATING

POWER WORK

111 South Seventh Street, Philadelphia, Pa.

Branch: 3438 North Twentieth Street

By our Deeds shall Ye Know Us

Our work will always be conspicuous for the distinctive quality of its workmanship and materials—which we obtain by close personal supervision of the smallest detail.

GEORGE & BORST

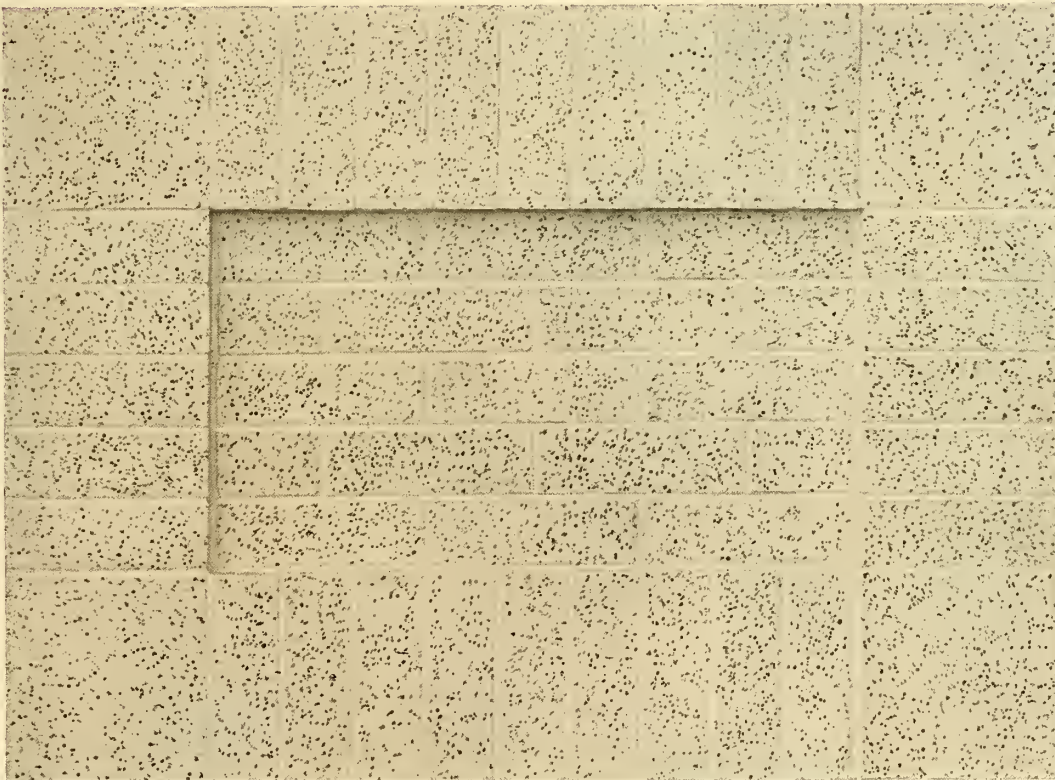
CONTRACTORS AND BUILDERS

277 S. Eleventh Street - Philadelphia

Hy-tex Washington Grays, No. 48, which for many years have been great favorites throughout the East from New York to St. Augustine.



Brick with smooth surfaces produce a refined and finished effect similar to that of stone. For this type of work, brick selected in uniform color shadings have been in general use in the past, but within the last few years mixed shades have become popular, so that brick of this character, whether in light gray, cream or golden tones, are often preferred with considerable variation of shade.



*Hy-tex Porcelain Gray, No. 120, secures the most delicate effects in brick-work. As it washes easily, it is especially proof against discoloration from the dust and smoke of a great city. Many buildings of great size and monumental type are faced with material of this description, notably the new **Equitable Building**, for which 2,750,000 were supplied.*

BRANCH OFFICES AND EXHIBITS

BALTIMORE,	CHICAGO,
CLEVELAND,	DAVENTPORT,
DUBOIS, PA.,	INDIANAPOLIS,
KANSAS CITY,	MINNEAPOLIS,
NEW YORK CITY,	OMAHA,
PHILADELPHIA,	TOLEDO,
	WASHINGTON, D. C.

Our facilities are well known for prompt and responsible service and for reasonable prices. Send for literature and samples, or visit our Exhibit Rooms.

HYDRAULIC-PRESS BRICK COMPANY

Philadelphia Branch,

514 Real Estate Trust Building

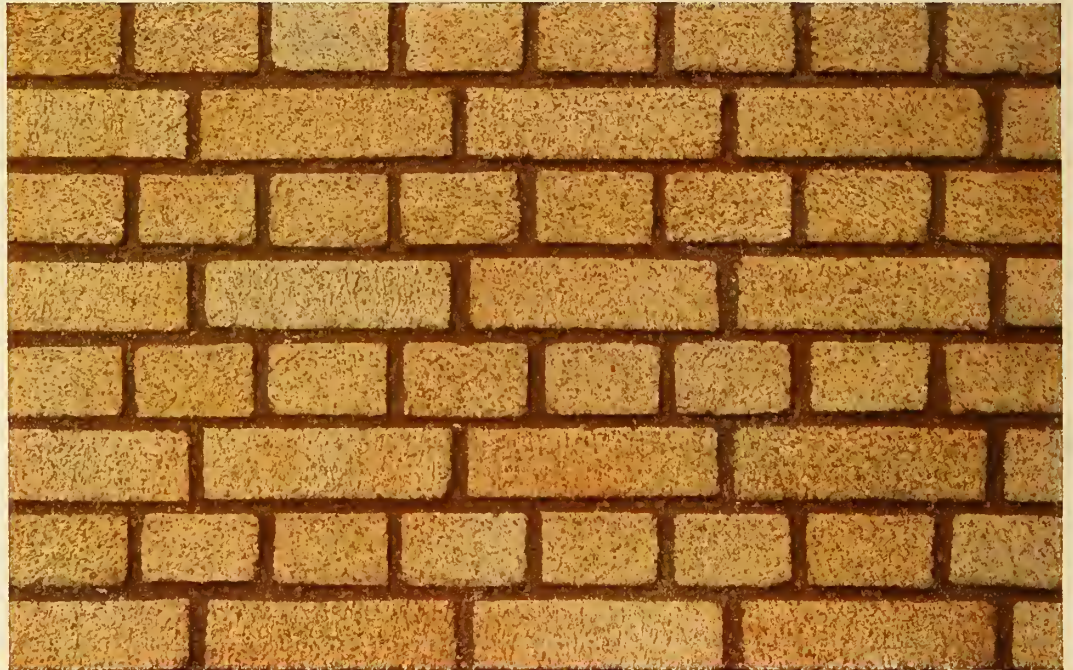
HYDRAULIC-PRESS BRICK COMPANY

SAINT LOUIS

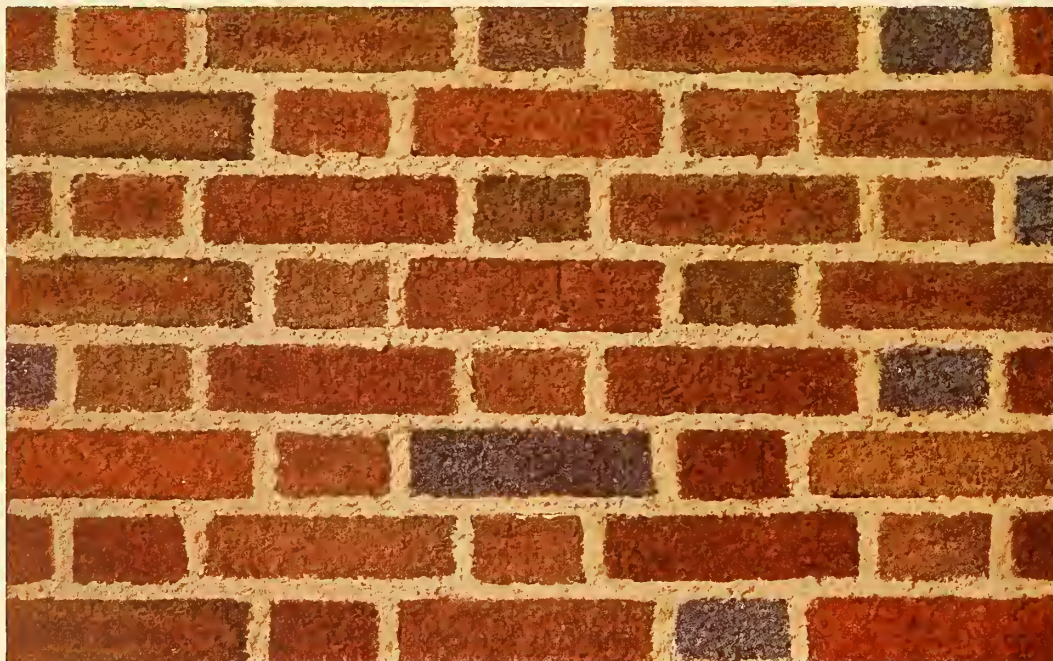
Largest Manufacturers of Face Brick in the World

Our product, **Hytex**, the Standard of Quality in Brick, represents every texture and color-tone known to brickcraft, and is suitable for any type, style or effect that may be desired by the architect.

Hytex Cowan Golden Mottled is only one of a wide variety of shades running from Creams, Buffs, and Flashed Ambers, through Golden Mottles, Steel and Tannish Grays, to Browns and Dark Browns flashed.



The choice between a rough and smooth textured brick is largely a matter of individual taste, applied to some particular problem. The rough-faced brick, with its horizontal or vertical scoring, offering a greater variety of color tones, may be employed to reproduce the warm textile or rug effects of Oriental tapestries.



Hytex Falls Creek Velours are made with horizontal or vertical texture, and run from Light Reds and Golden Browns, through Reds and Olives, with Light Blue edges, to Gun Metals. In full range, they are distinctive from all other brick of their kind.

SEE OVER

Architectural Woodwork

For Monumental Buildings, Clubs, Banks,
Residences, Hotels, Churches, Institutions
Carving, Special Room Treatments, Modeling

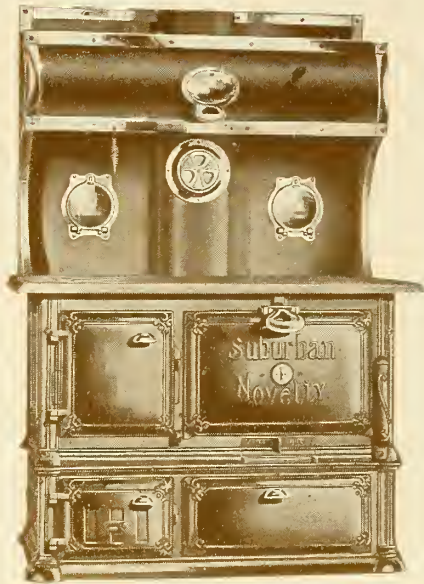
An Invitation

is extended to the Architectural Profession to visit our plant and inspect
the various interesting processes entering into the execution of the various
types of Architectural Woodwork.



Detail of Great Hall, Princeton Graduate College
Cram, Goodhue & Ferguson, Architects

Geo. W. Smith & Company, Inc.
Thirty-ninth Street and Powelton Avenue, Philadelphia



The Suburban Novelty Range *For Suburban Homes*

BUILT at the suggestion and after specifications of one of the leading architects of the East.

☞ A HOT WATER RANGE—all the HOT WATER wanted for three to five bath rooms. A better cooking top, better oven, better appearance. ☞ We have a very interesting booklet that we are anxious to have you read. Will you write for it?

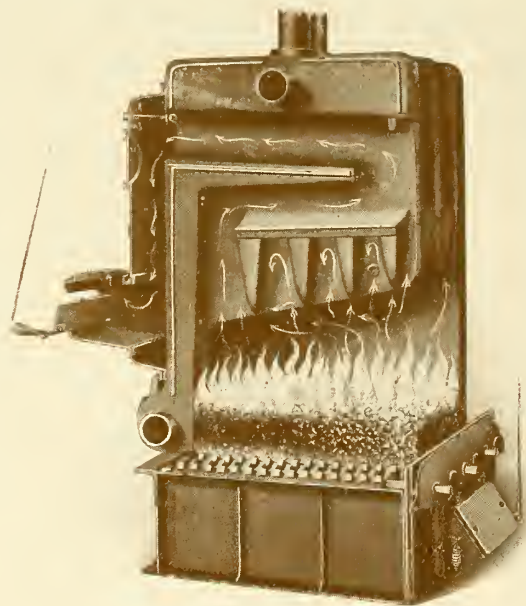
Abram Cox Stove Company PHILADELPHIA, P A.

For 68 years makers of all that is best in Stoves, Ranges,
Furnaces and Boilers under the name of "NOVELTY"

The Novelty Square Boiler

is the best STEAM or HOT WATER BOILER on earth to day. It will carry its rating easier; it is more economical in the consumption of fuel; it satisfies the consumer better; it adds more real value to property.

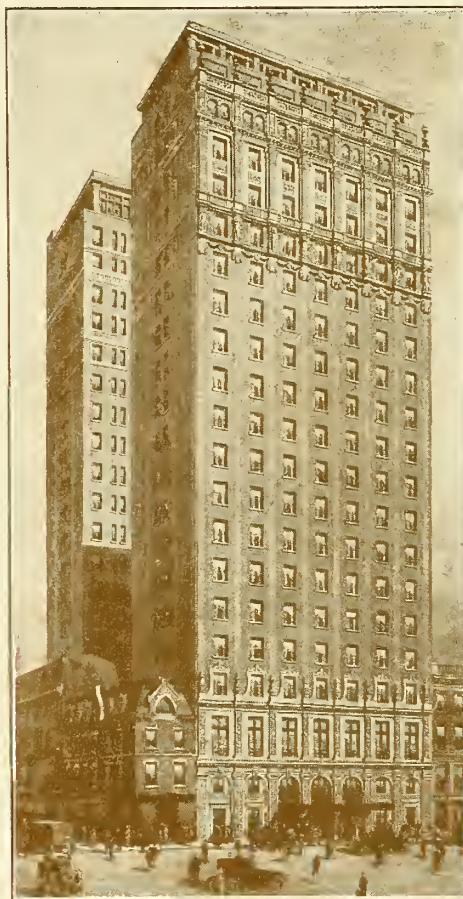
WRITE FOR BOOKLET



*BAIRD
OSTERHOUT
COMPANY*

*Electrical
Contractors*

—
*1112 Chestnut St.
Philadelphia*

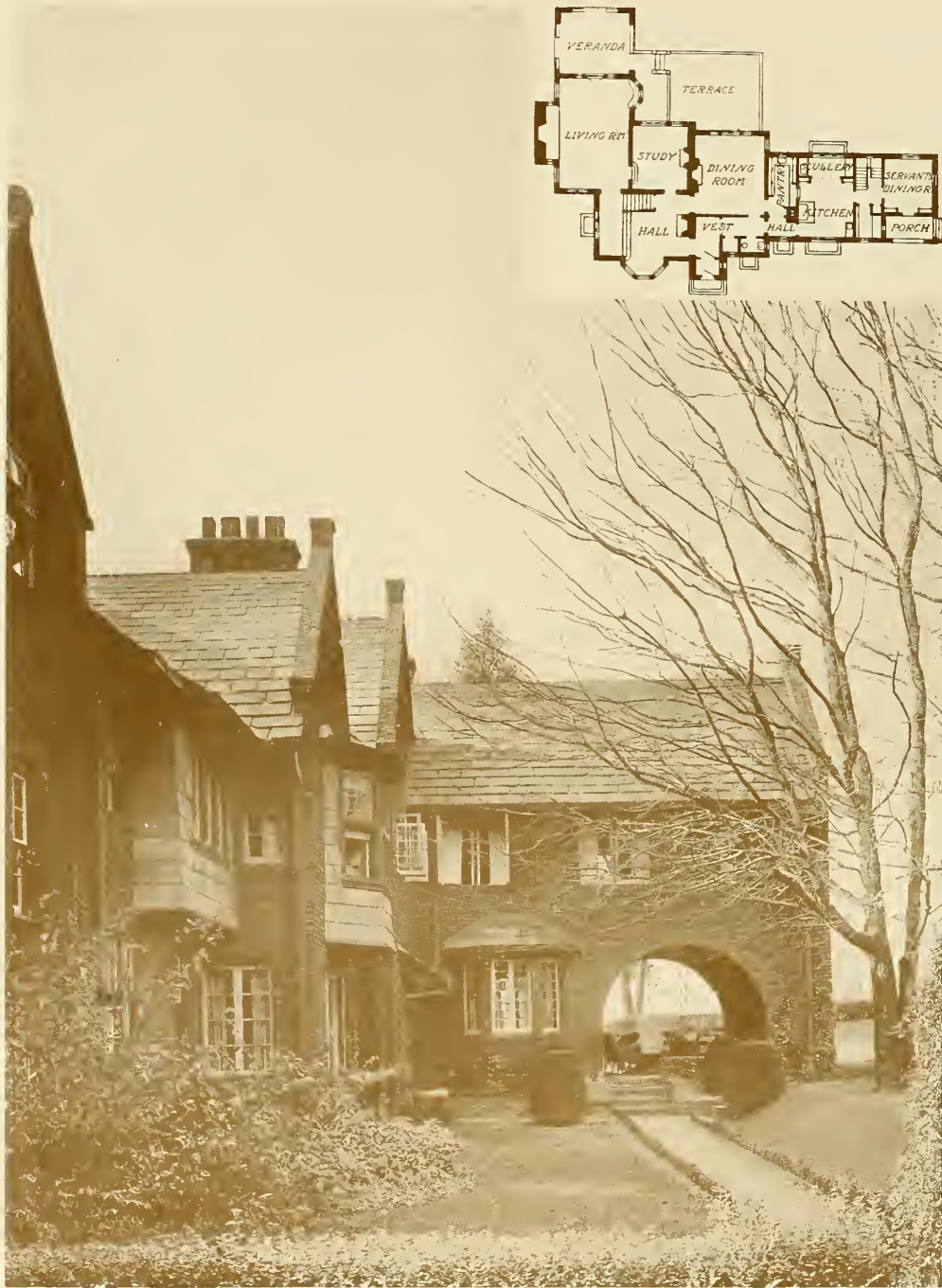


Hotel Adelphia, Philadelphia

TYPICAL of the buildings
upon which we act as Hard-
ware Experts.

Our Service Department is ready
at any time to co-operate with
Architects or Owners.

Murta, Appleton & Co.
S. W. Cor. 12th & Sansom Sts.
P h i l a d e l p h i a



House of CHARLES A. CASS, Esq., Ardsley Park, N. Y.

Wilson Eyre & McIlvaine, Architects

THE EXTERIOR OF THIS HOUSE WAS FACED WITH OUR STAR COLONIAL BRICKS

O. W. KETCHAM Master Builders' Exchange, Philadelphia
 Factory, CRUM LYNNE, PENNSYLVANIA

NEW YORK . . . BOSTON . . . BALTIMORE, MD. . . . WASHINGTON, D. C.



One of several panels made for the WM. F. HARRITY SCHOOL, 56th and Christian Sts., Philadelphia, Pa.

J. Horace Cook, Sup. Architect

H. Courcy Richards, Designer

O. W. Ketcham Terra Cotta Works

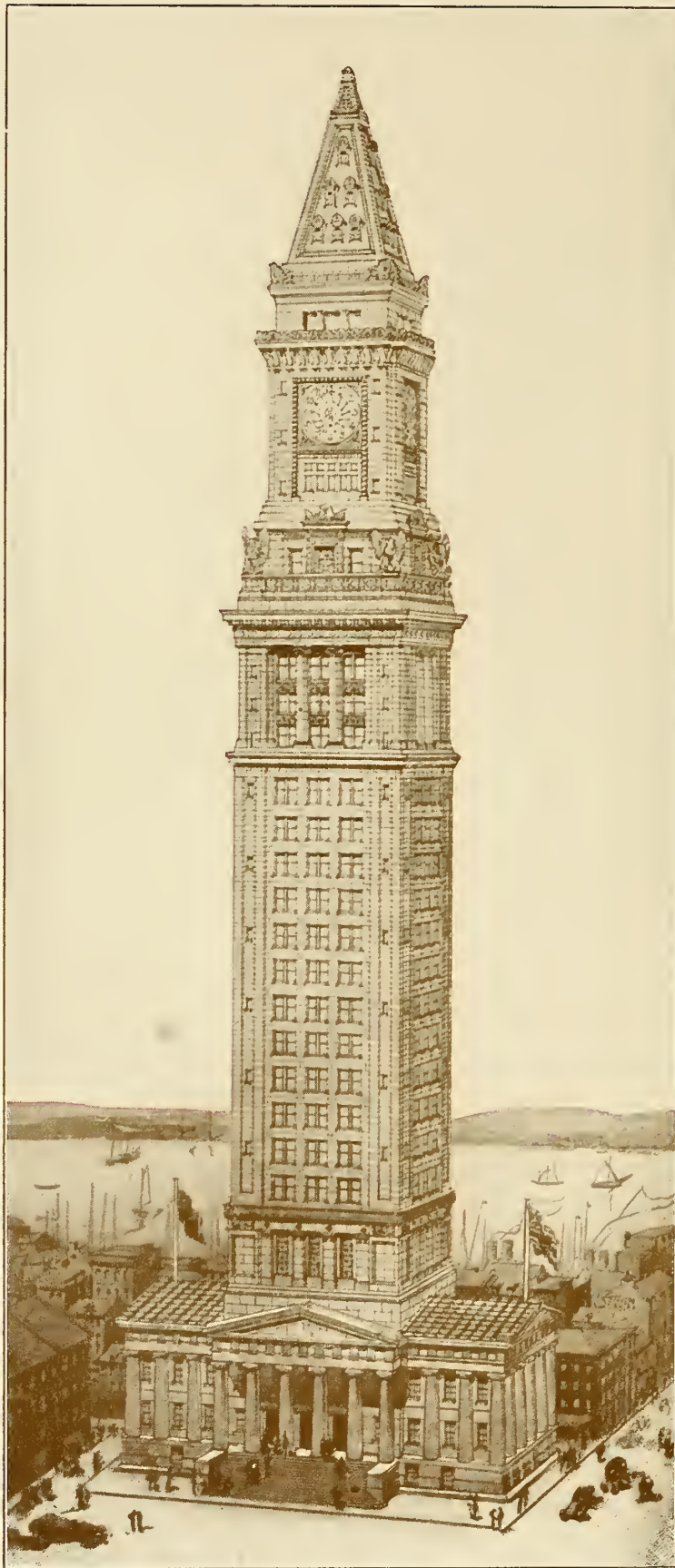
CRUM LYNNE, PA.

Branch Offices:

NEW YORK WASHINGTON, D. C.
BOSTON, MASS. CHARLOTTE, N. C.
BALTIMORE, MD.

Home Office:

MASTER BUILDERS' EXCHANGE



A. B. See
Electric
Elevators

of the
One to One
Gearless
Traction
Type

Installed in the new
United States
Custom House
Boston, Mass.

Peabody & Stearns, Architects
Norcross Brothers Co.
General Contractors

Philadelphia Office,
Land Title Building
Broad and Chestnut Sts.

New York Office, 220 Broadway

Offices: Baltimore, Boston, Washington,
Hartford, Montreal, Toronto

Tognarelli & Voigt Company

1743-45-47 North Twelfth Street . . . Philadelphia, Pa.

Ornamental Plaster Work · Plain Plastering
Stone and Wood Carving · Modeling
Garden Furniture in Cement and Stone
Lighting Fixtures in Composition

Long experience has prepared us to meet the most exacting requirements.
WE INVITE VISITORS TO OUR NEW STUDIO

THOMAS LITTLE & SON

CARPENTERS AND BUILDERS

1713 MORAVIAN STREET . . . PHILADELPHIA

SOME OF OUR PAST YEAR'S WORK

Dining Hall and Dormitories, Hill School, Pottstown, Pa. . . Jewish Maternity Hospital, 532 Spruce Street, Philadelphia
Max and Sarah Bamberger Seaside Home Buildings, Longport, N. J.

Wm. R. Chapman & Sons

Branch Offices
PHILADELPHIA BRICK CO.
Both Phones

KERBAUGH LIME CO.
Both Phones

MASON BUILDERS

S. E. Corner
15th and Washington Ave.

PHILADELPHIA

MASON BUILDERS ON THE

Curtis Publishing Company Building
Stephen Girard Building
Lafayette Building
Real Estate Trust Building
North American Building
Commonwealth Building
Union League Building
Gimbel Brothers Building
Phila. Stock Exchange Building

United States Marine Building
Estey Building
Wayne School
Bulletin Building
U. of P. Library Building
U. of P. Dormitories
U. of P. Engineering Building
U. of P. Evans Museum
U. of P. University Museum

Penn Mutual Life Insurance Building
Racquet Club
Lyric Theatre
Forrest Theatre
William Penn High School
Southern Manual Training School
Central Y. M. C. A.
Jefferson Hospital
Hahnemann Hospital

Rush Hospital
Elkins Home
Widener Home
Southwark School
Bell Telephone Buildings
Schuykill Arsenal Buildings
Hotel Vendig
Hotel Adelphia
Ritz-Carlton Hotel



*Country Club, St. Joseph, Mo.
Stained with Cabot's Stains
Roof in Mottled Red Tile Effect. Trimmings Dark Brown
Walter Boschen, Architect, St. Joseph*

Cabot's Creosote Shingle Stains

The original and standard shingle stains.

Soft, rich and transparent coloring effects, guaranteed wearing qualities, thorough preservation of the wood. The thoroughly reliable stain, proved by thirty years' use under all conditions.

Cabot's Waterproof Cement Stains

For staining and rainproofing cement buildings. Rich colorings, without gloss or shine, and with no coating to chalk or peel.

Cabot's Waterproof Brick Stains

Made in various colors, for faded, off-colored or uneven brick, and colorless for waterproofing only.

Cabot's Sheathing and Deafening "Quilt"

Warmer, more permanent, and cheaper than back-plaster. The most scientific, sanitary, and perfect heat insulator and sound-deafener ever made.

Conservo Wood Preservative

For preserving posts, sills, planks and all similar woodwork.

Old Virginia White

A soft, brilliant white for shingles and other rough wood—gives the whitewash effect, but doesn't rub, wash or streak.

Dampproofing

An adhesive damp course for direct plastering.

Full information on request

SAMUEL CABOT, Inc.

Manufacturing Chemists

BOSTON

1133 Broadway, N. Y.

24 W. Kinzie St., Chicago

"THE BEST"

Blue Prints and Drawing Materials

CHARLES H. ROBBINS
125-127 S. Eleventh Street, Philadelphia, Pa.

Drehmann Paving Co.



*Reinforced Concrete Construction
All Kinds of Paving*

Office: 2622 Parrish Street

Bell and Keystone Phones

JOHN ROBINSON & CO.

Successors to Watson & Robinson

Architectural Woodwork

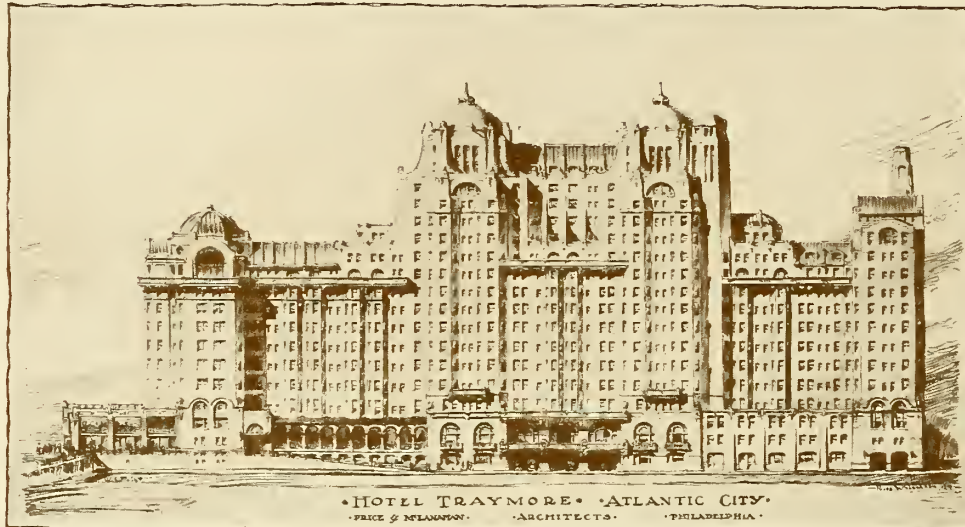
Sash, Doors, Mouldings, Stairwork,
Mantels and Interior Woodwork

49 to 63 Queen Street, Germantown
PHILADELPHIA



DOORWAY H. P. DAVISON'S PRIVATE ROOM, J. P. MORGAN & CO.

*Selection of Furniture and all of the Woodwork
in the Private rooms of the Banking House of
J.P. Morgan & Co. New York. Trowbridge & Livingston
Architects MADE and SET by the*
IRVING & GAYSON-A.H. DAVENPORT & CO.
57 5 BOYLSTON ST. BOSTON *601 FIFTH AVE. NEW YORK*



Hotel Traymore, Atlantic City, N. J.

Price & McLanahan, Architects, Philadelphia, Pa.

THE new Hotel Traymore will be completed and ready for guests in the early summer of 1915.

It was imperative that the plumbing fixtures be not only of unexcelled quality, but completed in time to aid in the rapid construction of the building.

For these reasons Hajoca Plumbing was selected by the architects.

The 634 or more guest rooms will be luxuriously equipped with Hajoca water-saving Duojet closets, Hajoca solid vitreous lavatories of an extremely beautiful design, Hajoca showers or tiled-in baths.

Though the designs in some instances were special, our manufacturing department completed the fixtures and accessories in advance of the plumber's and builder's requirements.

The plumbing supply house, which carried through this mammoth undertaking is able to carry through any similar work, little or big.

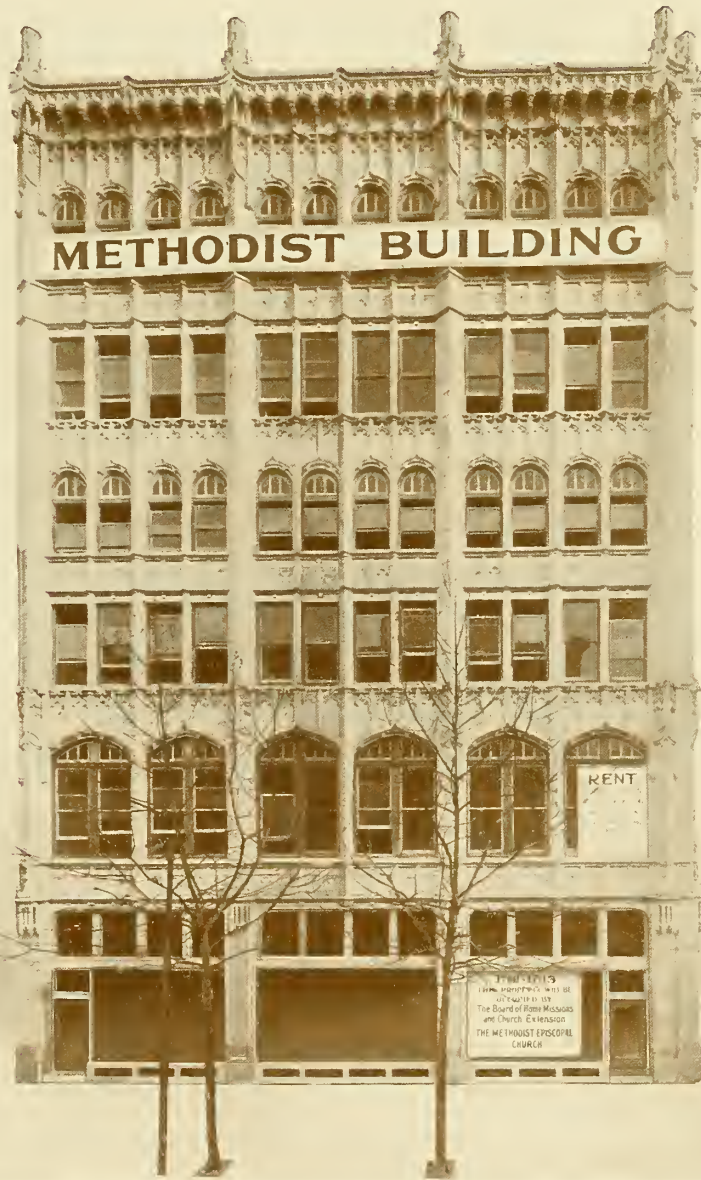
Is, in fact, *ever at your service.*

HAINES, JONES & GADBURY Co.

MAKERS OF PLUMBING SUPPLIES

1130-1144 RIDGE AVENUE PHILADELPHIA

BRANCHES - RICHMOND - SAVANNAH - SAN FRANCISCO



METHODIST BUILDING, 17th and Arch Streets, Philadelphia
Ballinger & Perrot, Architects

Entire fronts of CREAM COLORED GLAZED TERRA COTTA made by
CONKLING-ARMSTRONG TERRA COTTA CO.

A. WILT & SONS

MANUFACTURERS OF

ARCHITECTURAL CABINET AND MILLWORK

711 to 737 North Front Street, Philadelphia, Pa.

REFERENCES ON APPLICATION

Keller-Pike Co. *ELECTRICAL CONSTRUCTION*

1213 Race St., Philadelphia, U. S. A.

INSTALLATIONS IN PROGRESS

Hotel Traymore, Atlantic City, N. J.
Post Office and Court House, New Orleans, La.
Penn Mutual Life Building, Philadelphia, Pa.
Y. W. C. A. (Kensington) Branches,
(Germantown) Philadelphia, Pa.
Church of the New Jerusalem, Bryn Athyn, Pa.
City Missions of the P. E. Church, Oakbourne, Pa.
Harbison Dairies, Philadelphia, Pa.
Epileptic Hospital, Oakbourne, Pa.
Free Library of Philadelphia, Haddington Branch
Pennsylvania State Institution for the Feeble
Minded and Epileptic, Spring City, Pa.
and
Numerous Residences.

Wm. J. Mitchell George W. Mitchell Harry C. Mitchell

MITCHELL BROS. Building Construction

No. 2125 RACE STREET
PHILADELPHIA

PHONES: Bell, Locust 812; Keystone, Race 2984

BOTH PHONES

FRANK E. WALLACE CONTRACTOR CARPENTER and BUILDER

All Kinds of Jobbing and Repair Work
1210 SANSOM STREET
PHILADELPHIA

Superior Fire Brick, all Shapes and Sizes

Hard Building Brick, also Hollow Brick

SAYRE & FISHER CO. *Fine Pressed Front Brick*

In White, Ochre, Buff, Red, Gray, Brown, Old Gold and Mottled, Plain or Moulded

PORCELAIN BRICK **ENAMELED BRICK, all Shapes and Colors** **PERSIAN BRICK**

New York Office
261 BROADWAY

Works at
SAYREVILLE, N. J.
On Raritan River

Philadelphia Office
1215 FILBERT STREET
W. L. McPHERSON, Agent

Telephone, 520 and 521, New Brunswick

Brown Red Selected and Repressed Stretchers

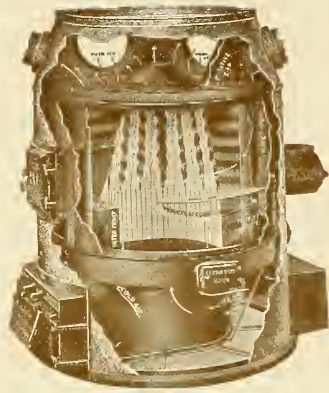
Also Black End Headers a Specialty



View showing 90-foot span roof dome of Timbrel Vault
Construction over Rotunda of the University
of Pennsylvania Museum, constructed by

R. GUASTAVINO CO.
NEW YORK and BOSTON

Wilson Eyre & Mellvaine, Stewartson & Page and Day Bros. & Klauder, Associated Architects



Makin-Kelsey Heating

**BEST FOR HEALTH
POSITIVE AS TO RESULTS
ECONOMICAL IN OPERATION
DURABLE IN CONSTRUCTION**

THE Zig-Zag heat tubes form the fire cylinder and combustion chamber of the Kelsey Warm Air Generator, and this construction gives the Kelsey more than double the weight, and from four to five times the heating surfaces of any other heating apparatus with the same size fire.

The MAKIN-KELSEY Heating System insures a temperature of 70 degrees with plenty of ventilation and a total absence from heater dust or gas. Distant rooms are positively heated.

The Makin Heating Co., Inc.

6 and 8 N. 18th Street, Philadelphia



Residence of CHAS. A. PORTER, JR., Philadelphia
Horace Trumbauer, Architect

GALLOWAY POTTERY

adds Charm to any Garden. Make the Gardens of your Suburban and Country Houses attractive with Artistic Galloway Pottery.



Our Catalogue contains 250 illustrations, including Flower Pots, Boxes, Vases, Fonts and Terra Cotta Garden Pieces of every description. The material is strong and durable, the prices reasonable.

Special Work is executed from Architect's drawings.

**GALLOWAY
TERRA COTTA CO.**
3210 WALNUT STREET,
PHILADELPHIA.
NEW YORK SHOWROOM
CRAFTSMAN BLDG., 39th ST. EAST OF FIFTH AVE.



ESTABLISHED 1870

TELEPHONE CONNECTIONS

DANIEL ADAMS

Stairs, Cabinet Work, Mantels
and Interior Woodwork

of every description carefully executed and erected to detail. Lumber, millwork, porches

2930-2956 North Marshall Street
PHILADELPHIA, PA.



THE ANGELICA KAUFFMANN ROOM

AT

THREE EAST FORTY SEVENTH STREET

NEW YORK

KARL J. FREUND

ANTIQUAIRE

DECORATIONS

OBJETS D'ARTS

More than 10% of all cement used in the United States is Lehigh



Over one hundred other brands are represented by the remainder. The quality of Lehigh Cement and unexcelled service to customers are some of the factors which make Lehigh the National Cement.

**LEHIGH
CEMENT**



Multnomah Athletic Club, Portland, Oregon
Roofed with J-M Transite Asbestos Shingles

12 Reasons Why You Should Use J-M Transite Asbestos Shingles

1. They weigh $\frac{1}{3}$ less than slate.
2. Are much easier to handle.
3. Transportation charges are less.
4. Roof construction can be lighter.
5. Are tough and resilient—not brittle.
6. Never require repairs or painting to preserve them.
7. Absolutely fireproof.
8. Won't split, crack or chip.
9. Won't curl or exfoliate.
10. Won't rot or deteriorate.
11. Keep a building cool in summer and warm in winter.
12. Outlast the building they cover.

☛ J-M Transite Asbestos Shingles are made of a composition of tough, long-fibre Asbestos and Portland Cement moulded into one solid, homogeneous mass under tremendous hydraulic pressure.

☛ Supplied in sizes and shapes to meet all requirements, $\frac{1}{8}$ -in. thick with smooth edges and $\frac{1}{4}$ -in. thick with rough edges, and in colors of natural gray, Indian red and mottled brown.

Write our nearest Branch for Samples and "J-M Transite Asbestos Shingle Booklet."

H. W. JOHNS-MANVILLE CO.

Akron, Albany, Atlanta, Baltimore, Birmingham, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Columbus, Dallas, Dayton, Denver, Detroit, Duluth, Galveston, Houghton, Houston, Indianapolis, Kansas City, Los Angeles, Louisville, Memphis, Milwaukee, Minneapolis, Newark, New Orleans, New York, Omaha, Philadelphia, Pittsburgh, Portland, Rochester, St. Louis, St. Paul, Salt Lake City, San Francisco, Seattle, Syracuse, Toledo, Washington, Wilkes-Barre, Youngstown

THE CANADIAN H. W. JOHNS-MANVILLE CO., LIMITED.
Montreal Winnipeg

Toronto

Vancouver



1714



John Russell Pope
Architect
New York City

SCOTTISH RITE TEMPLE
Washington, D. C.

The Norcross Bros. Co.
General Contractors
Worcester, Mass.

INGALLS STONE COMPANY BEDFORD, INDIANA

Furnished the Indiana Limestone required for the interior and exterior
of the above building

ESTABLISHED 1887

New York Office
Room 1355
200 Fifth Avenue

Mills and General Offices
BEDFORD, INDIANA

St. Louis Office
514 Century Building
Cor. Ninth & Olive Streets



CALVARY CHURCH, PHILADELPHIA

Day & Klauder, Architects

Chapman Decorative Company Cabinet Work and
 Decoration

Offices and Display Rooms
 1608 and 1610 Walnut Street
 PHILADELPHIA

Factories
 907-909-911 Hamilton Street, 910 Buttonwood Street
 PHILADELPHIA

DEVOE VELOUR FINISH

SAVED MORE THAN \$1000.00 ON THE SPRINGFIELD, MASS.
 MUNICIPAL ADMINISTRATION BUILDING

<i>The successful painting contractor bid:</i>	To use Lead and Oil	\$5,275.79
	To use DEVOE VELOUR FINISH	4,052.19
	Saving by the use of Velour	\$1,223.60

The Municipal Building Commission and the architects, Messrs. Pell and Corbett, are more than pleased.

Painting contractor writes:

"From the first brushful to this time, we have had no complaint from commission or architects, and we have never received as much praise on painted walls. Velour flows on like Kalsomine and dries flat and velvety. I would recommend it to all looking for such a finish."

Devoe Velour Finish, an oil paint, is the logical paint to specify when you want durable, washable, velvety interior walls on municipal, residential or school work.

Send for panels showing 18 attractive shades, and 40-page book of Complete Specifications for Painting and Varnishing.

F. W. DEVOE & C. T. RAYNOLDS CO.

FOUNDED 1754

Paints, Varnishes, Enamels, Brushes : 101 Fulton St., New York



ERECTED in our Display Room are sample roofs of Mohawk Unfading Red, Light and Dark Green, Tinted, Mottled, Rustic Grey, Fading Shaw, Variegated Green and Purple, Granite Grey, Virginia Rustic, Jackson Bangor and Peach Bottom Roofing Slates.

This display affords a more satisfactory method to make color decision than from a single sample.

On our display boards are panels of thirty Grueby Tile suggestions in color schemes and unit combinations. We will lay out such sections of tile areas as you wish to consider.

OUR DISPLAY ROOM ANSWERS TILE AND SLATE PROBLEMS

WILLIAM MOORE COMPANY TILE AND SLATE

1506 SANSOM STREET :: :: PHILADELPHIA

GEORGE
WRAGGE,
LIMITED, INC.

Metal
Casements and
Leaded Glazing

105 West 40th Street
New York City



LADY BRASSEY'S HOUSE
A. N. Prentice, Architect, London

Norman R. MacGregor

Donald R. MacGregor

D. A. MacGregor & Bro.

P A I N T E R S

Fresco Painting : Hardwood Finishing
Interior Decorations : Exterior Painting
Floor Finishing : : Gilding

1224 Chancellor Street

Philadelphia



McCAMBRIDGE-COOPER CO.
Plumbing Fixtures

Residence, JOHN BARNES TOWNSEND
Radnor, Penna.

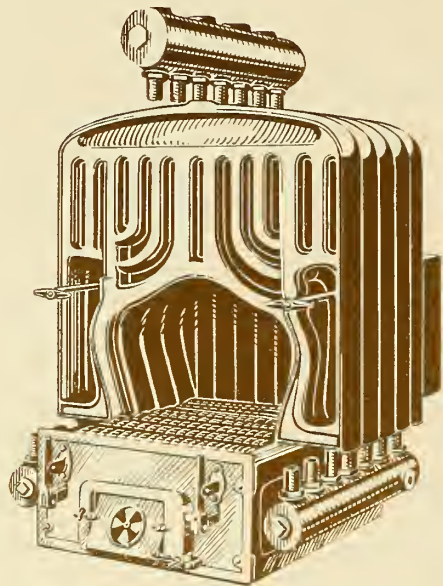
Wilson Eyre and McIlvaine
Architects

The complete line of Plumbing Supplies we carry
satisfies the most discriminating Architects and Owners
Our representatives are at your service in problems of
SANITARY PLUMBING *and*
PLUMBING FIXTURES

McCambridge-Cooper Company

OFFICES, SHOW-ROOMS AND SHOPS

315-317-319-321 North 20th Street : : Philadelphia

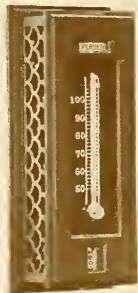


Mills Boilers *for* Cold Weather

The **H. B. SMITH CO.** 1225 ARCH STREET
PHILADELPHIA, PA.

Johnson Model Thermostat

ONLY four and three-quarter inches long, two inches wide and one inch deep, copied from the design of one of our greatest architects. The "Open and Closed" Indicator shows when the heat is turned "On" or "Off."



Johnson Syphon Metal Diaphragm Valve

The greatest improvement in temperature regulating apparatus ever devised.



Johnson Service Company
1520 Sansom Street : Philadelphia
Catalogues and estimates on request

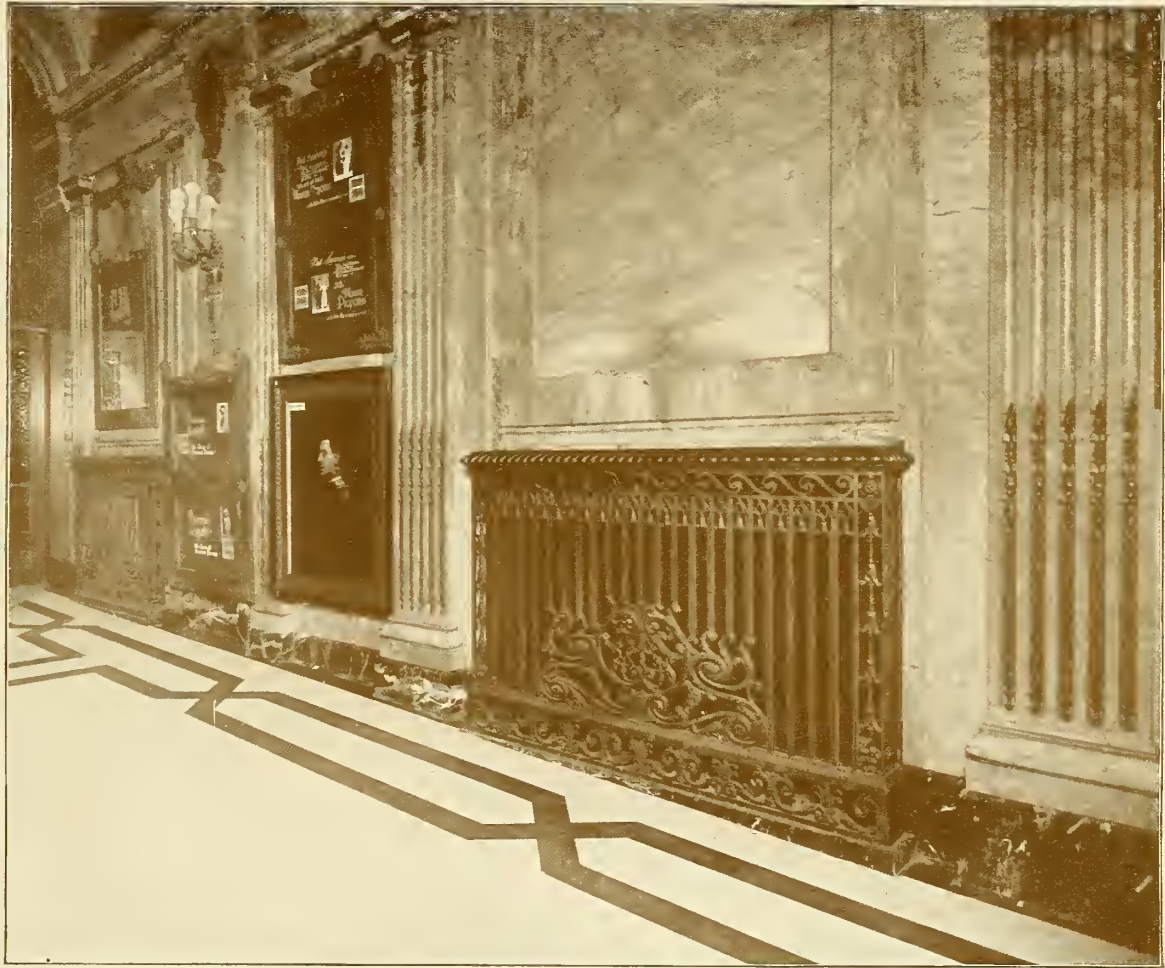
OPEN TO THE PUBLIC

The Master Builders' Exchange Permanent Exhibition

Seventh Street
South of Market Street
PHILADELPHIA

The Largest and Most Complete Display of
BUILDING MATERIALS
In the United States

Open Daily, except Holidays, from 8 A. M. to 5 P. M.



SPECIAL DESIGN GRILLES and RADIATOR ENCLOSURES

THIS photograph shows an example of exposed radiators covered by ornamental screens. Send for catalog 66A showing eighty of these special Grille Designs suited to various orders of decoration—Colonial, Classic, Empire, Louis XIII, XIV, XV, XVI, and Oriental.

TUTTLE & BAILEY MFG. CO.

ESTABLISHED 1846

76 Madison Avenue, New York

CHICAGO · BOSTON · CLEVELAND · BRIDGEBURG, ONTARIO

The McDaniel Improved Steam Trap

Discharges Continuously and Never Blows Steam. Made Extra Heavy for High Pressure. No pipe connections are broken when making repairs, all steam pipes being attached to body. Steam can't blow through. Always maintains water seal over discharge valve. They have large discharge valves and cannot be flooded with sudden flushes of water. We also manufacture Reducing Valves, Pump Governors, Relief Valves, Exhaust Pipe Heads, Ejectors and Steam Separators.

All working parts are here.

Send for Catalogue



Watson & McDaniel Co.

ESTABLISHED 1878

146 North Seventh Street, Philadelphia, Pa.



Wrought Iron Gate, South Church, New York
Cram, Goodhue & Ferguson, Architects

SAMUEL YELLIN
ART METAL WORK
217 JEFFERSON ST. PHILA., PA.

F. Roe Searing

Building
Construction

Perry Building : Philadelphia

HEATING

Bowers Bros. & Co.
Real Estate Trust Building

PHILADELPHIA

RACE 3022

LOCUST 443

WESLEY SLOAN

TILE *and* MARBLE

Sanitary Medicine Closets : Mantels
Fireplaces : Grates : Mosaics

2009 Market Street - - - Philadelphia



HENRY L. BROWN
Builder

LIBERAL ARTS BUILDING
State College, Pa.

DAY & KLAUDER
Architects

Building Construction of The Better Class



HENRY L. BROWN

1714 Sansom Street :: :: Philadelphia



HAMILTON COUNTY COURT HOUSE, Cincinnati, Ohio

Rankin, Kellogg & Crane, Architects, Philadelphia, Pa.

Plans and specifications for heating and ventilation, elevators, electric lighting, refrigerating plant, kitchen and laundry equipment, vacuum sweeping system, etc., etc., for the above building prepared by

STEWART A. JELLETT, Consulting Engineer

FRANKLIN BANK BUILDING
Philadelphia



This mark on printing

identifies it as the work of an organization which makes a business of *satisfying* its customers, not partially, but wholly, in quality, promptness, and fair treatment. The A. H. Sickler Company invites the confidence of buyers who are in the habit of accepting promises as final and who expect the utmost in returns from the money they invest in printing.

A. H. SICKLER COMPANY

514-520 Ludlow Street :: :: Philadelphia



Trowbridge & Ackerman, Architects
New York City

Residence of MR. GEO. D. PRATT, Glen Cove, Long Island

Chas. T. Wills, Inc., Builders
New York City

This is what the owner has to say:

GEORGE D. PRATT
PRATT INSTITUTE
RYERSON ST.
BROOKLYN

February Twenty-third
Nineteen fifteen

Mr. Edward Blizzard,
1411 Bradley Avenue,
Camden, N. J.

Dear Sir:—This is to acknowledge the receipt of yours of February fifteenth, with reference to the work which the Aquabar Waterproofing Company of Philadelphia did on my house at Glen Cove.

In reply to the same would say that the work which they did was most satisfactory, and stopped the water from coming through the walls.

The material has been on but five months, but I see no reason why it should wear off.

Yours very truly,

GEO. D. PRATT.

THE entire exterior surface of this granite residence waterproofed against driving rains by our colorless treatment, without discoloring.

THE
Aquabar Company

*Waterproofing Engineers
and Contractors*

PHILADELPHIA



Residence, Mr. Jay Cooke, III
Chestnut Hill

Wilson Eyre and McIlvaine
Architects

J. D. J. CO. "SAXON QUALITY" FIXTURES
INSTALLED IN THIS RESIDENCE

Specifying our *Quality* Fixtures,
Always insures to the Architect and Client,
Xcellence and durability, together with absolute guarantee.
Our Showroom and Representatives at your service.
New Specialties and Designs constantly added.

J. D. JOHNSON & CO.

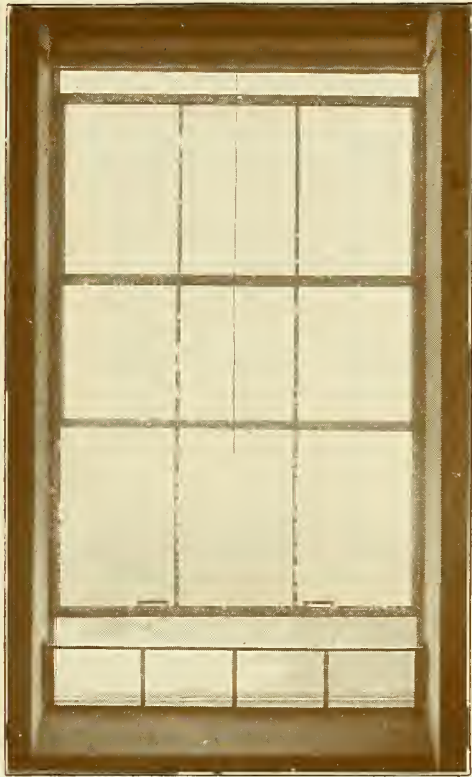
Manufacturers of

High Grade Plumbing Fixtures

NEW YORK
LONG ISLAND CITY

PHILADELPHIA
Foundry, Harrisport, N. J.

BROOKLYN
CAMDEN, N. J.



General Electric Co., Schenectady, N. Y.
L. S. S. Counterweighted Type

A Rolled Steel Sash

— for —

*Fine Office and
Public Buildings*

**Lupton Rolled Steel Sash,
Counterweighted Type**

is suitable for this type of building. The rolled bronze weathering at the sides of the sash and the weather stops at both head and sill insure absolute weather-proof and draft-

proof conditions. The sliding of the sash is facilitated by the use of this bronze section. Rattling of windows is eliminated. Shades may be applied without any interference with sash members. Where necessary wind shields will be supplied at an additional cost. Lupton Catalogue No. 8 illustrates and describes in detail the various Lupton Products. Cut off coupon and send to us for copy of this valuable handbook.

David Lupton's Sons Co.

Sepviva St. and Allegheny

Avenue

PHILADELPHIA,

PENNA.

I want to know what the LUPTON CO. knows—Send me Book 8.

NAME

ADDRESS





The halftones and color plates in this publication demonstrate the high quality of our productions,



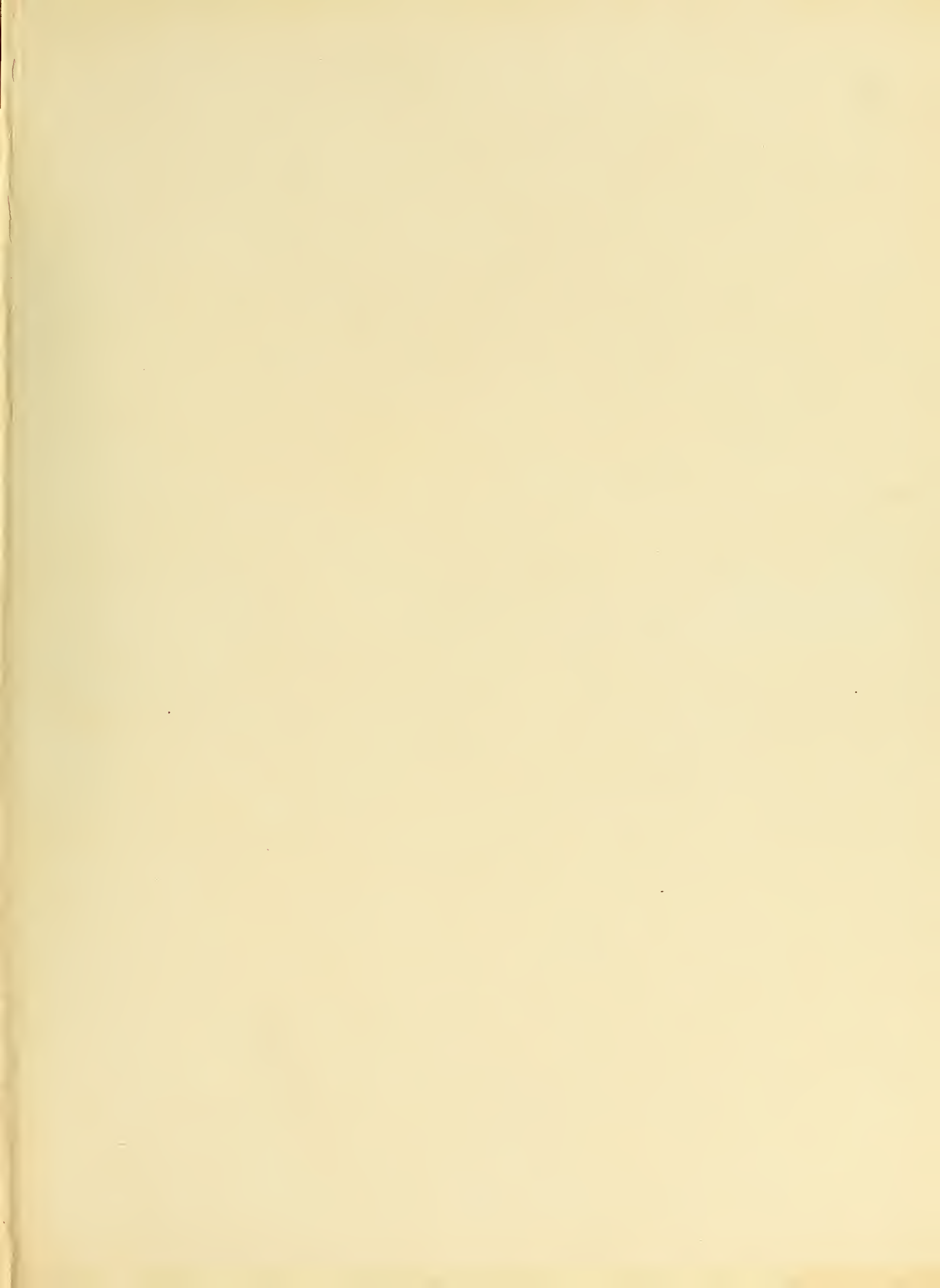
SPEAKMAN SHOWERS

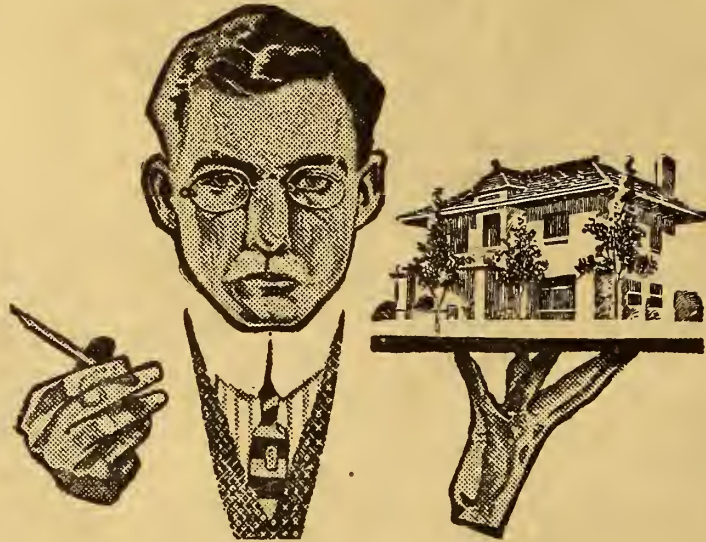
and Brass Plumbing Fixtures

insure lasting service and satisfaction. The first choice of architects and owners. The SPEAKMAN Line is modern in every detail to meet modern conditions.   Catalog and information gladly furnished.

SPEAKMAN SUPPLY AND PIPE CO. RIVERVIEW WORKS
WILMINGTON, DEL.







When You Have a House on Your Hands

YOU can save time and work by availing yourself of the services of our Illuminating Engineering Department. We will be glad to co-operate with you in the matter of planning the most efficient and satisfactory illumination for any building, large or small,—a factory, a residence, a big office building, a small store, and, in fact, help you with any lighting problem you may have.

There is neither charge nor obligation attached to this service—it will pay you to make liberal use of it.

THE PHILADELPHIA
ELECTRIC COMPANY
TENTH AND  CHESTNUT STS.